DPM 7000 VOL. I

TP-0341-00

1-2
3-HOLE
60#

(S)

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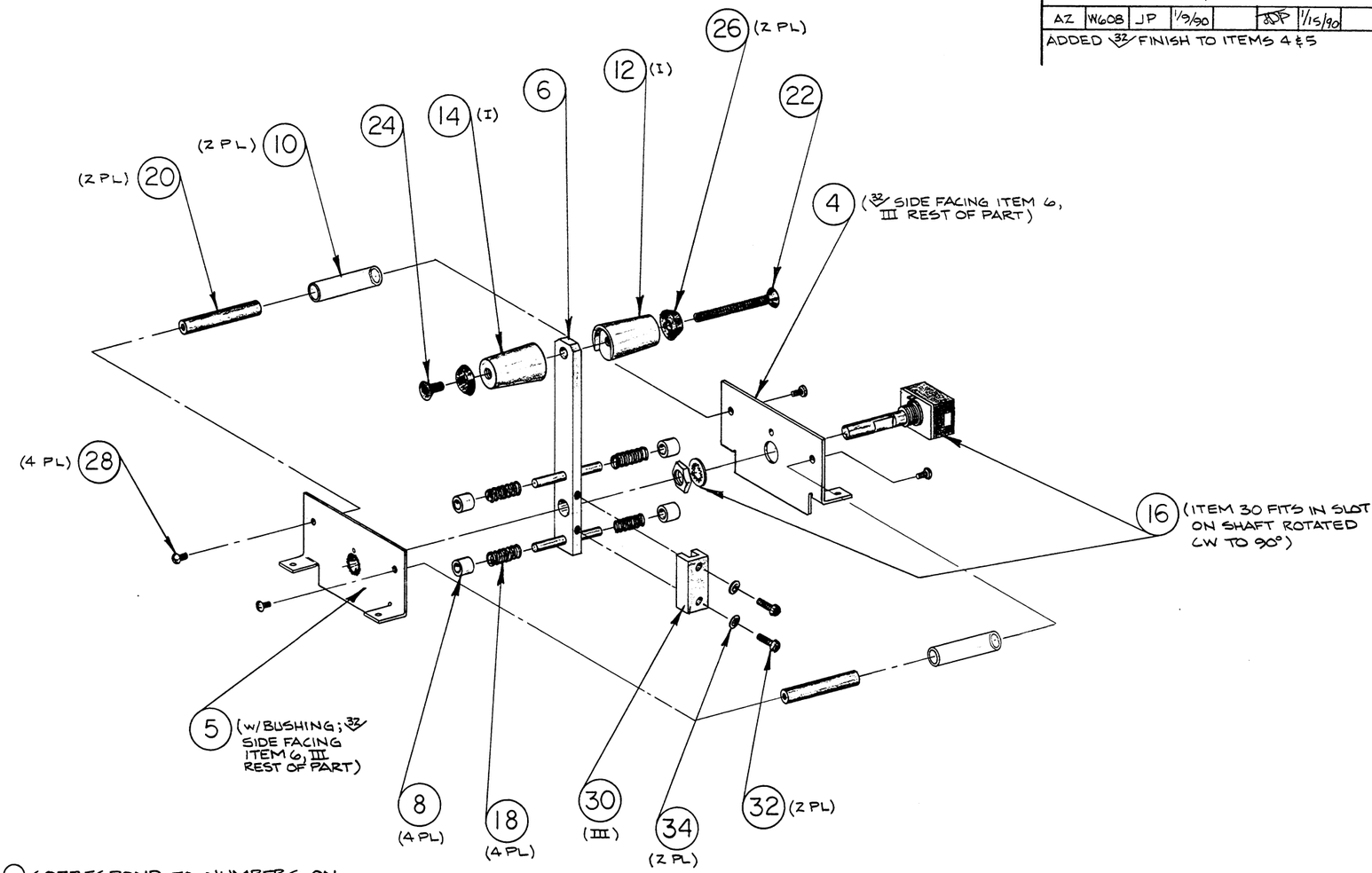
REVISIONS

REV	ECO	DFTR	DATE	CHK	APVD	M/F	RDC
A1	W498	JP	11/3/89			11/17/89	
PILOT RUN RLSE W/O CHG							
A2	W608	JP	1/3/90		ADP	1/15/90	
ADDED 32 FINISH TO ITEMS 4 & 5							



NOTES:

1. ITEM NUMBERS IN ◯ CORRESPOND TO NUMBERS ON BOM 074704-00
2. ROMAN NUMERALS IN PARENTHESIS ( ) INDICATES GRADE FINISH OF PART

DPM 100	
USED ON	NEXT ASSY
APPLICATION	
DISTRIBUTION	

GRASS VALLEY GROUP GVG®
GRASS VALLEY CALIFORNIA — A TEKTRONIX COMPANY

DRAWN JP DATE 11 OCT 89	LEVER ARM ASSEMBLY MODEL DPM 100
ENGINEER DL DATE 11 OCT 89	
CHECKED DATE	
APPROVED DATE	
PILOT RUN RLSE DATE	SIZE C DRAWING NO. 06-074704-00 REV A2
ENGRG RLSE DATE	SCALE: NONE SHEET 1 OF 1

SIZE C DWG NO. 06-074704-00 REV A2 SH 1

BRUNING 40-522

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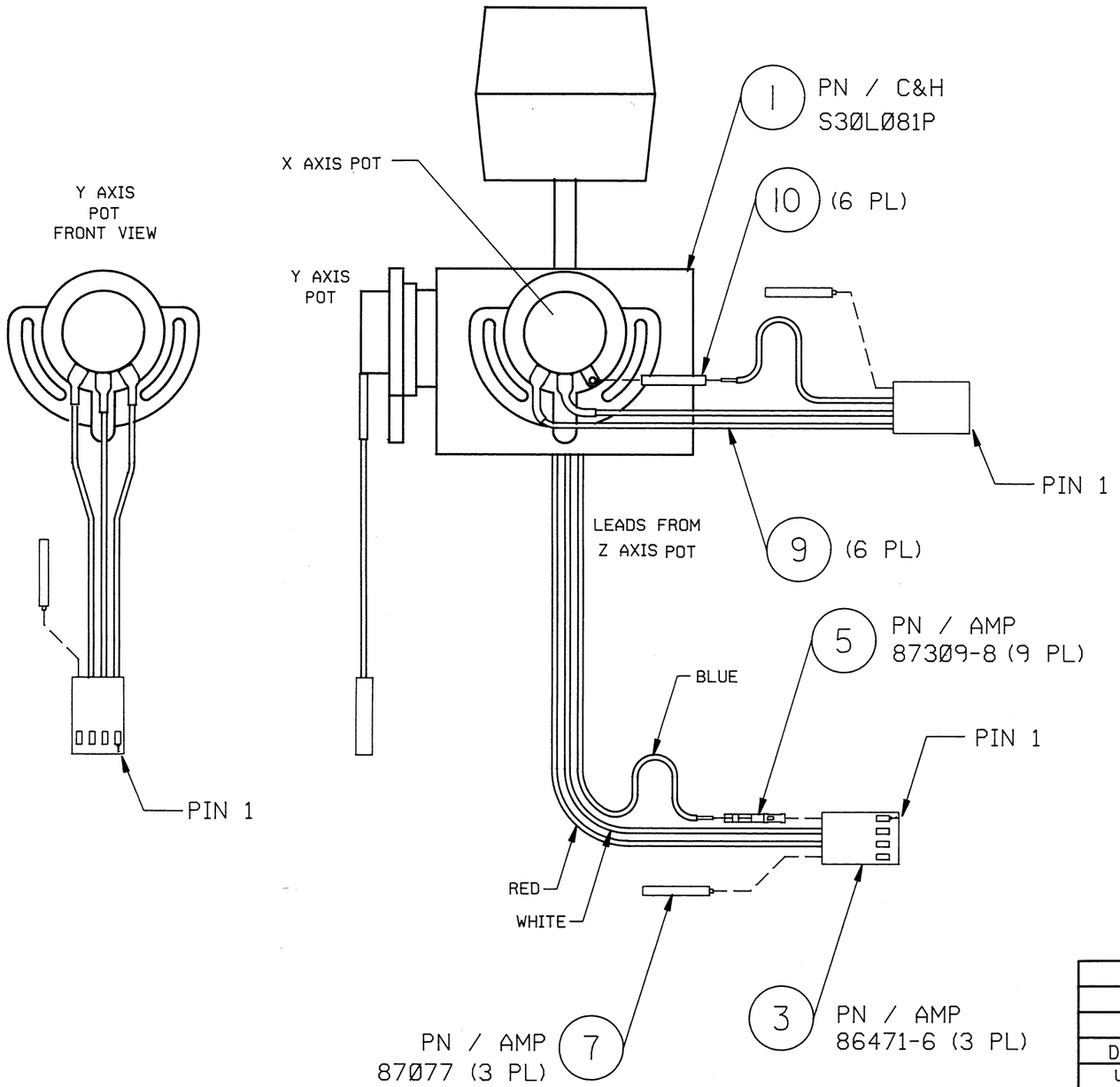
REVISIONS

REV	ECO	DFTR	DATE	CHK	APVD	M/F	RDC
A1	W448	JP	10/5/89				
PILOT RUN RLSE w/o CHG							
B1	W495	JP	11/6/89		DLL		
X AXIS POT : POT PIN 3 MOVED TO PLUG PIN 3 & POT PIN 1 MOVED TO PLUG PIN 1 Z AXIS POT : POT PIN 1 (RED) MOVED TO PLUG PIN 3 & POT PIN 3 (BLUE) MOVED TO PLUG PIN 1 ADDED X,Y,& Z REFS							
B2	W606	JP	1/9/90		JDP	1/15/90	
ADDED FRONT VIEW OF Y AXIS POT							



NOTES :

1. PART NUMBERS SHOWN ARE TO BE AMP PARTS OR EQUIVALENT, EXCEPT ITEMS 9 & 10.
2. PART NUMBER OF JOYSTICK CONTROLLER TO BE C & H PRODUCTS PN/S30L081P OR EQUIVALENT w/ .50 LONG MTG. SCREWS (4).

GRASS VALLEY GROUP®
GRASS VALLEY CALIFORNIA
A TEKTRONIX COMPANY

DRAWN BY JP	DATE 9 MAR 89
ENGINEER JP	DATE 9 MAR 89
CHECKED BY	DATE
APPROVED	DATE
PILOT RUN RLSE DLL 11-21-89	DATE
ENGINEER RLSE	DATE

ASSEMBLY
JOYSTICK CONTROLLER

SIZE B	06-074705-00	REV B2
SCALE NTS	SHEET 1 OF 1	
FILE	LEVELS	

DPM 100	
USED ON	NEXT ASSY
APPLICATION	
DISTRIBUTION	

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REVISIONS

REV	ECO	DFTR	DATE	CHK	APVD	M/F	RDC
A1	Z056	DR	19OCT90		DR		
	PILOT RUN RELEASE						
A2	Z117	DR	28NOV90	-	DR		
	J4A & J4B WERE NOT IN CORRECT 'WIRING SIDE' ORIENTATION						
A3	Z311	DR	26APR91		DR		
	ITEM 23 ON J4B-3 WAS 24, ITEM 31 WAS 11X						

J3B

(35)

(BLU, 4", 18AWG) 13
(BRN, 4", 18AWG) 14
(BRN, 4", 18AWG) 15
(BLU, 4", 18AWG) 16
18 (YEL, 4", 18AWG) 25
19 (YEL, 4", 18AWG) 26
9 (RED, 4", 18AWG) 27
8 (RED, 4", 18AWG) 28

WIRING SIDE

J3A

(37)

TO P1-V5 29 (YEL, 28", 18AWG) 12
J1-21 (YEL, 22", 18AWG) 12
J1-18 (RED, 22", 18AWG) 9
TO P1-V4 28 (RED, 28", 18AWG) 8
13 (BLU, 19", 18AWG) J4A-2
15 (BRN, 19", 18AWG) J4A-1
15 (BRN, 5", 18AWG) 28 TO P1-L
13 (BLU, 5", 18AWG) 29 TO P1-N

WIRING SIDE

J4A

(28)

FROM P1-E3 (YEL) 1
FROM P1-E2 (VIO) 1
6 (BRN, 19", 18AWG) J3A-1
3 (BLU, 19", 18AWG) J3A-4
8 (GRN/YEL, 21", 18AWG) 28 TO P1-⏚

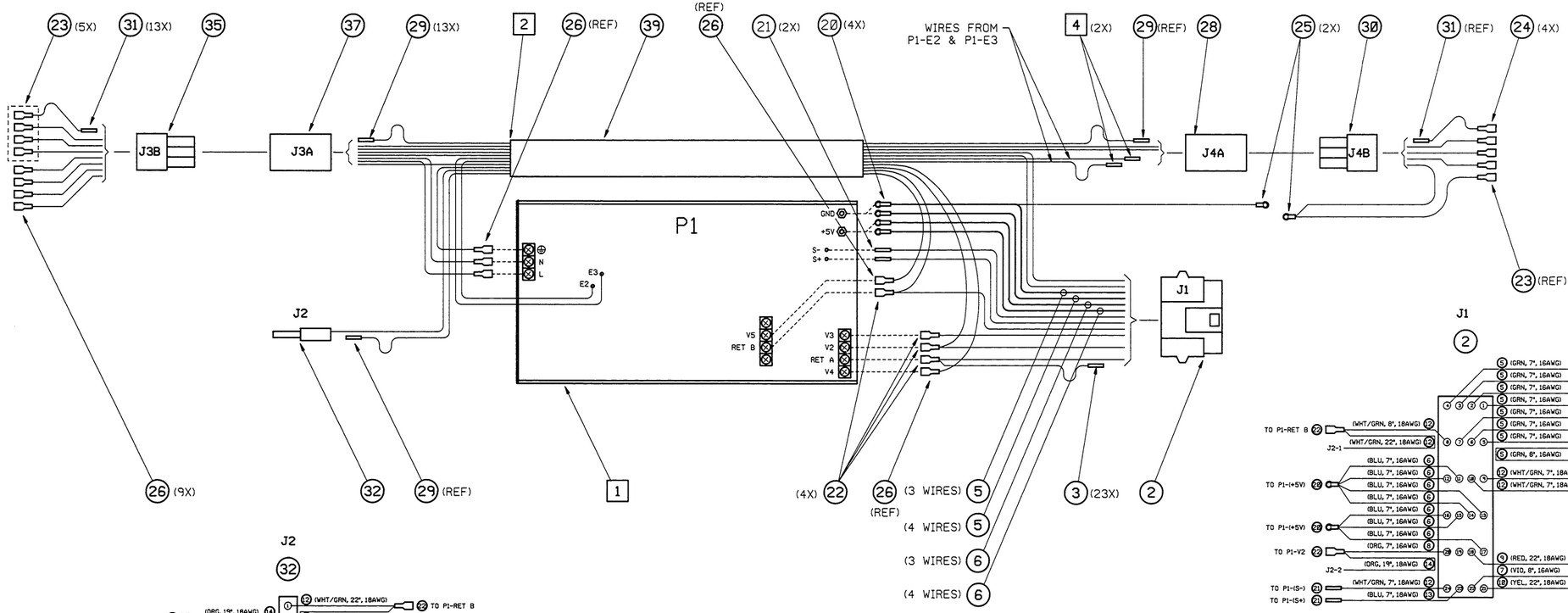
WIRING SIDE

J4B

(30)

(BRN, 6", 18AWG) 16
(BLU, 6", 18AWG) 15
(GRN/YEL, 6", 18AWG) 18
(GRN/YEL, 6", 18AWG) 18
18 (YEL, 6", 18AWG) 24
19 (VIO, 6", 18AWG) 24

WIRING SIDE



J2

(32)

TO P1-V2 29 (ORG, 19", 18AWG) 14
J1-28 (ORG, 7", 16AWG) 8
12 (WHT/GRN, 22", 18AWG) 22 TO P1-RET B
12 (WHT/GRN, 8", 18AWG) J1-8

WIRING SIDE

J1

(2)

5 (GRN, 7", 16AWG) 24 TO P1-GND
TO P1-RET B 22 (WHT/GRN, 8", 18AWG) 12
J2-1 (WHT/GRN, 22", 18AWG) 12
5 (GRN, 8", 16AWG) 25
(BLU, 7", 16AWG) 6
TO P1-(+5V) 29 (BLU, 7", 16AWG) 6
(BLU, 7", 16AWG) 6
(BLU, 7", 16AWG) 6
TO P1-(+5V) 29 (BLU, 7", 16AWG) 6
TO P1-V2 29 (ORG, 7", 16AWG) 8
J2-2 (ORG, 19", 18AWG) 14
TO P1-(S-) 21 (WHT/GRN, 7", 18AWG) 12
TO P1-(S+) 21 (BLU, 7", 18AWG) 13
12 (WHT/GRN, 7", 18AWG) 22 TO P1-RET A
9 (RED, 22", 18AWG) J3A-9
7 (VIO, 8", 16AWG)
10 (YEL, 22", 18AWG) J3A-8
23 TO P1-V3

WIRING SIDE

NOTES:

1. ITEM NUMBERS IN CIRCLES INDICATES ITEM NUMBERS ON BILL OF MATERIAL 054708-10 (SEE NOTE 6)
2. ITEM NUMBERS IN SQUARES INDICATES ITEM NUMBERS ON BILL OF MATERIAL 074707-10
3. CHARACTERS IN PARENTHESIS ON WIRING DIAGRAMS INDICATES (WIRE COLOR, WIRE LENGTH IN INCHES, WIRE GAGE)
4. FASTEN ITEMS 28 & 30 TOGETHER AFTER ASSEMBLING CONNECTORS, WIRES AND PINS/SOCKETS
5. FASTEN ITEMS 35 & 37 TOGETHER AFTER ASSEMBLING CONNECTORS, WIRES AND PINS/SOCKETS
6. ITEM 2 IS 054708-10 ON BILL OF MATERIAL 074707-10

GRASS VALLEY GROUP • GVG
GRASS VALLEY CALIFORNIA — A TEKTRONIX COMPANY

DRAWN BY	DR 10CT 90
ENGINEER	ADK
CHECKED BY	
APPROVED	DR
PILOT RUN RLSE	ADK
ENGINEER RLSE	

ASSEMBLY/WIRING DIAGRAM
POWER SUPPLY W/HARNESS
4 RU FRAME
DPM-100

6576	084701-10
USED ON	NEXT ASSY
APPLICATION	
DISTRIBUTION	

SIZE D | 06/11-074707-10 | REV A3
SCALE NONE | SHEET 1 OF 1
FILE 747071OA2.DGN | LEVELS 1-6

SIZE D | DWG NO. 06/11-074707-10 | REV A3 | SH 1

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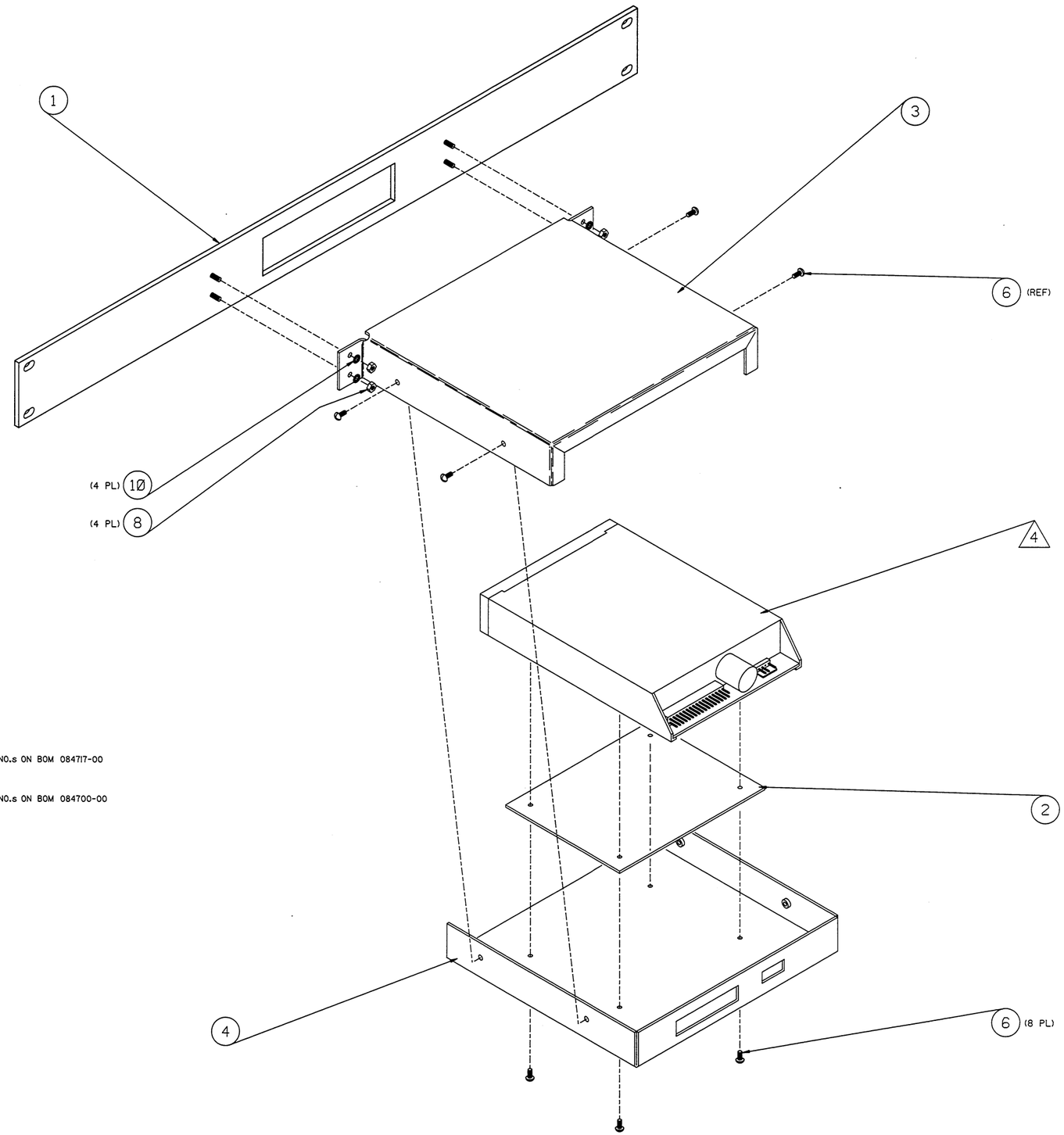
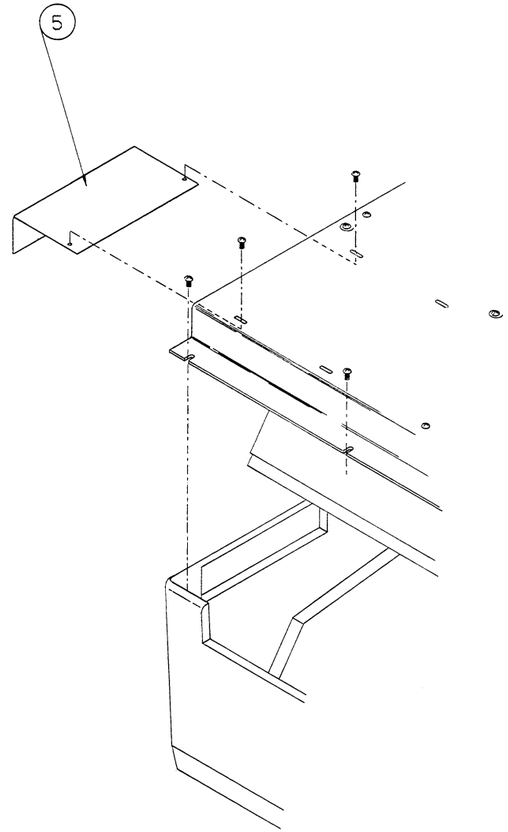
REVISIONS

REV	ECO	DFTR	DATE	CHK	APVD	M/F	ROC
AI	W859	JP	6/5/90			6.90	

PILOT RUN RLSE w/o CHG





NOTES :

1. NO.s IN ◯ COINCIDE WITH ITEM NO.s ON BOM 084717-00 (ITEMS NOT SHOWN - 12 & 14)
2. NO.s IN △ COINCIDE WITH ITEM NO.s ON BOM 084700-00

DPM 100	
USED ON	NEXT ASSY
APPLICATION	
DISTRIBUTION	

GRASS VALLEY GROUP • TEKTRONIX
GRASS VALLEY CALIFORNIA — A TEKTRONIX COMPANY

DRAWN BY JP	DATE 29 NOV 89	ASSEMBLY DISK REMOTE KIT DPM 100
ENGINEER DL	DATE 29 NOV 89	
CHECKED BY	DATE	
APPROVED	DATE	
PILOT RUN RLSE	DATE	SIZE D — 06-074716-00 — REV AI
ENGINEER RLSE	DATE	SCALE N T S — SHEET 1 OF 1
		FILE — LEVELS

SIZE D DWG NO. 06-074716-00 REV AI SH 1

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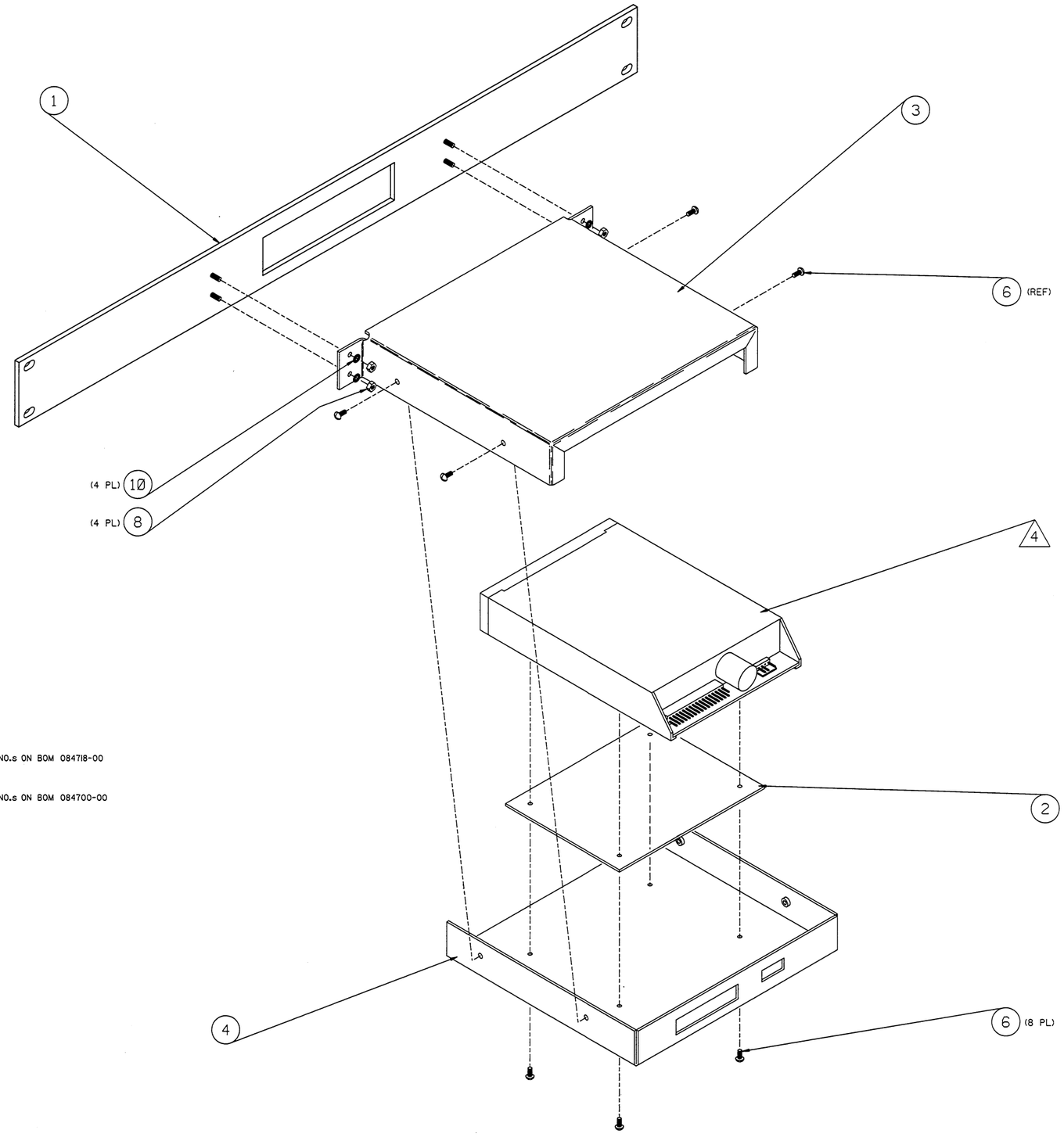
REVISIONS

REV	ECO	DFTR	DATE	CHK	APVD	M/F	RDC
A1	W860	JP	6/5/90			4.90	

PILOT RUN RLSE w/o CHG



NOTES :

1. NO.s IN ◯ COINCIDE WITH ITEM NO.s ON BOM 084718-00 (ITEMS NOT SHOWN - 12 & 14)
2. NO.s IN △ COINCIDE WITH ITEM NO.s ON BOM 084700-00

GRASS VALLEY GROUP • TEKTRONIX COMPANY
GRASS VALLEY CALIFORNIA

		DATE
DRAWN BY	JP	29 NOV 89
ENGINEER	DL	29 NOV 89
CHECKED BY		DATE
APPROVED		DATE
PILOT RUN RLSE		DATE
ENGINEER RLSE		DATE

ASSEMBLY
RACK MNT ADAPT KIT
CONTROL PANEL
DPM 100

DPM 100	
USED ON	NEXT ASSY
APPLICATION	
DISTRIBUTION	

SIZE D | 06-074717-00 | REV A1

SCALE N T S | SHEET 1 OF 2

FILE | LEVELS

SIZE D DWG NO. 06-074717-00 REV SH A1 1

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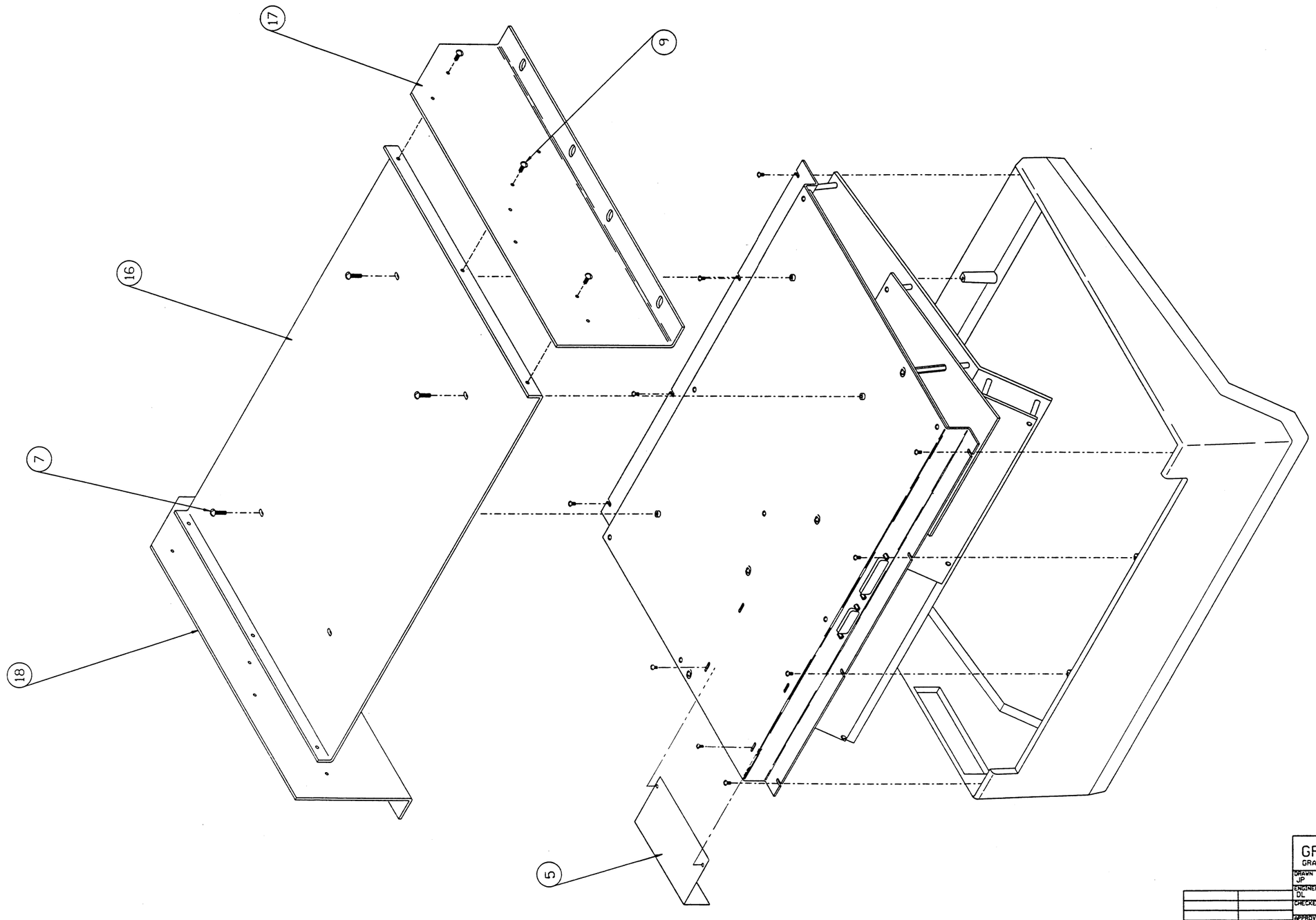
REVISIONS

REV	ECO	DFTR	DATE	CHK	APVD	M/F	ROC
						-0/	



DPM 100	
USED ON	NEXT ASSY
APPLICATION	
DISTRIBUTION	

GRASS VALLEY GROUP • A TEKTRONIX COMPANY
GRASS VALLEY CALIFORNIA

		DATE
DRAWN BY	JP	29 NOV 89
ENGINEER	DL	29 NOV 89
CHECKED BY		DATE
APPROVED		DATE
PILOT RUN RLSE		DATE
ENGINEER RLSE		DATE

ASSEMBLY
RACK MNT ADAPT KIT
CONTROL PANEL
DPM 100

SIZE	DWG NO.	REV
D	06-074717-00	A1

SCALE N T S | SHEET 2 OF 2
FILE | LEVELS

SIZE D | DWG NO. 06-074717-00 | REV SH A1 2

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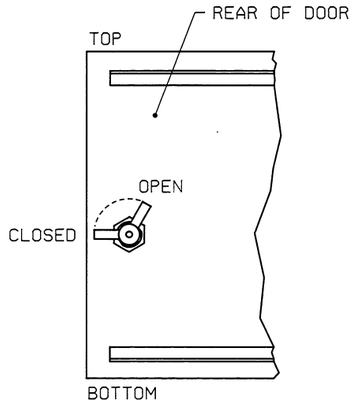
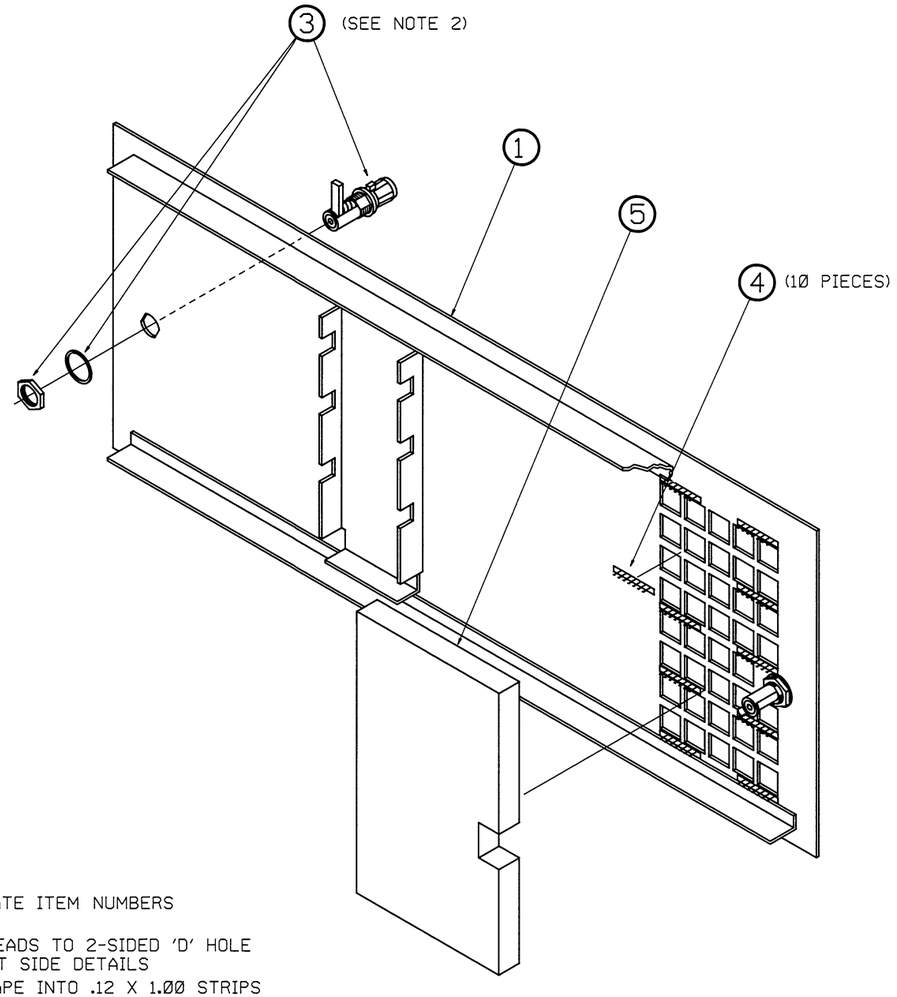
REVISIONS

REV	ECO	DFTR	DATE	CHK	APVD	M/F	RDC
A1	Z056	DR	19OCT90	-	DR		
	PILOT RUN RELEASE						
B1	Z115	DR	27NOV90	-	DR	/.91	
	ADDED NOTE 2						

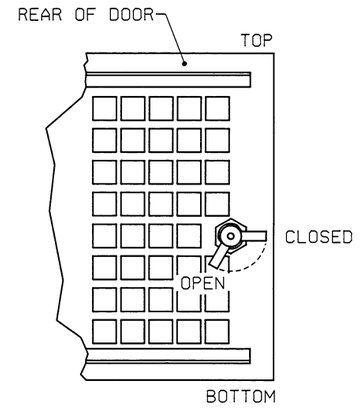
FASTENER ORIENTATION



LEFT SIDE
FACING REAR OF DOOR



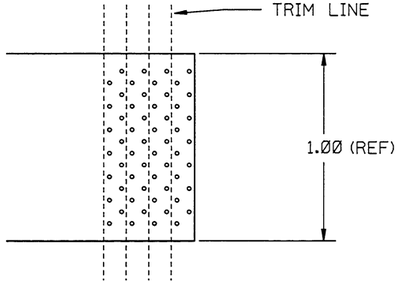
FASTENER ORIENTATION



RIGHT SIDE
FACING REAR OF DOOR

NOTES:

1. ITEM NUMBERS IN CIRCLES INDICATE ITEM NUMBERS ON BILL OF MATERIAL 074719
2. ALLIGN FLATS ON FASTENER THREADS TO 2-SIDED 'D' HOLE IN ORIENTATION TO RIGHT & LEFT SIDE DETAILS
3. CUT VELCRO T-HEAD ADHESIVE TAPE INTO .12 X 1.00 STRIPS (EACH STRIP HAS TWO ROWS OF T-HEADS) SEE EXAMPLE BELOW:



6576	074728
USED ON	NEXT ASSY
APPLICATION	
DISTRIBUTION	

GRASS VALLEY GROUP® A TEKTRONIX COMPANY
GRASS VALLEY CALIFORNIA

DRAWN BY DR	DATE •19 OCT 90•
ENGINEER SK	
CHECKED BY	DATE
APPROVED DR	DATE
PILOT RUN RLSE SK	DATE
ENGINEER RLSE	DATE

ASSEMBLY
COVER, FRONT
DPM-100 4RU FRAME

SIZE		REV
C	06-074719-00	B1
SCALE 1:2	SHEET 1 OF 1	
FILE 7471900B1.DGN	LEVELS 1, 2, 63	

REV B1 SH 1
SIZE C DWG NO. 06-074719-00

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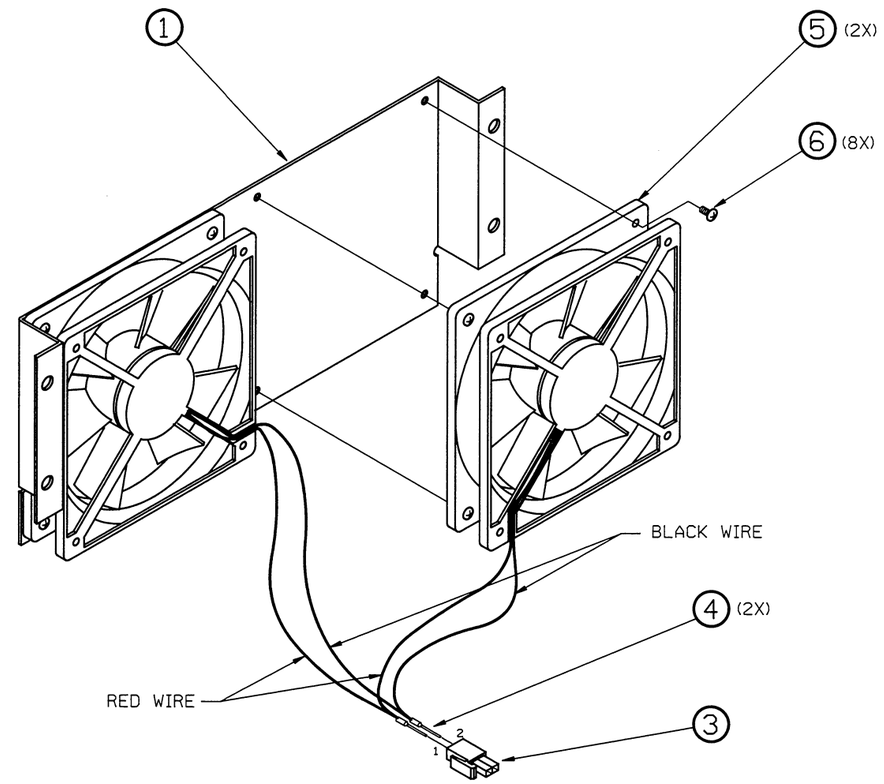
REVISIONS

REV	ECO	DFTR	DATE	CHK	APVD	M/F	RDC
A1	Z0560	DR	19OCT90	-	DR	10.21.90	
PILOT RUN RELEASE							
A2	Z1116	EV	18DEC90	-	[illegible]	1.9?	

CHANGED NOTE 1 TO REFERENCE BOM 074721



NOTES:

1. ITEM NUMBERS IN CIRCLES INDICATES ITEM NUMBERS ON BILL OF MATERIAL Ø7472I
2. RED WIRE FROM EACH FAN CRIMPS TO PIN 1
   BLACK WIRE FROM EACH FAN CRIMPS TO PIN 2
3. USE CABLE TIES (ITEM 2) WHERE APPLICABLE

6576	084701-10
USED ON	NEXT ASSY
APPLICATION	
DISTRIBUTION	

GRASS VALLEY GROUP® A TEKTRONIX COMPANY
GRASS VALLEY CALIFORNIA

DRAWN BY DR	DATE •19 OCT 90•
ENGINEER DL	
CHECKED BY	DATE
APPROVED DR	DATE
PILOT RUN RLSE	DATE
ENGINEER RLSE	DATE

ASSEMBLY
FAN
DPM-100 4 RU FRAME

SIZE		REV
C	06-07472I-00	A2
SCALE 1:2	SHEET 1 OF 1	
FILE 7470100.DWG	LEVELS 1-3, 50, 6	

REV SH A2 1
SIZE C DWG NO. 06-074721-00

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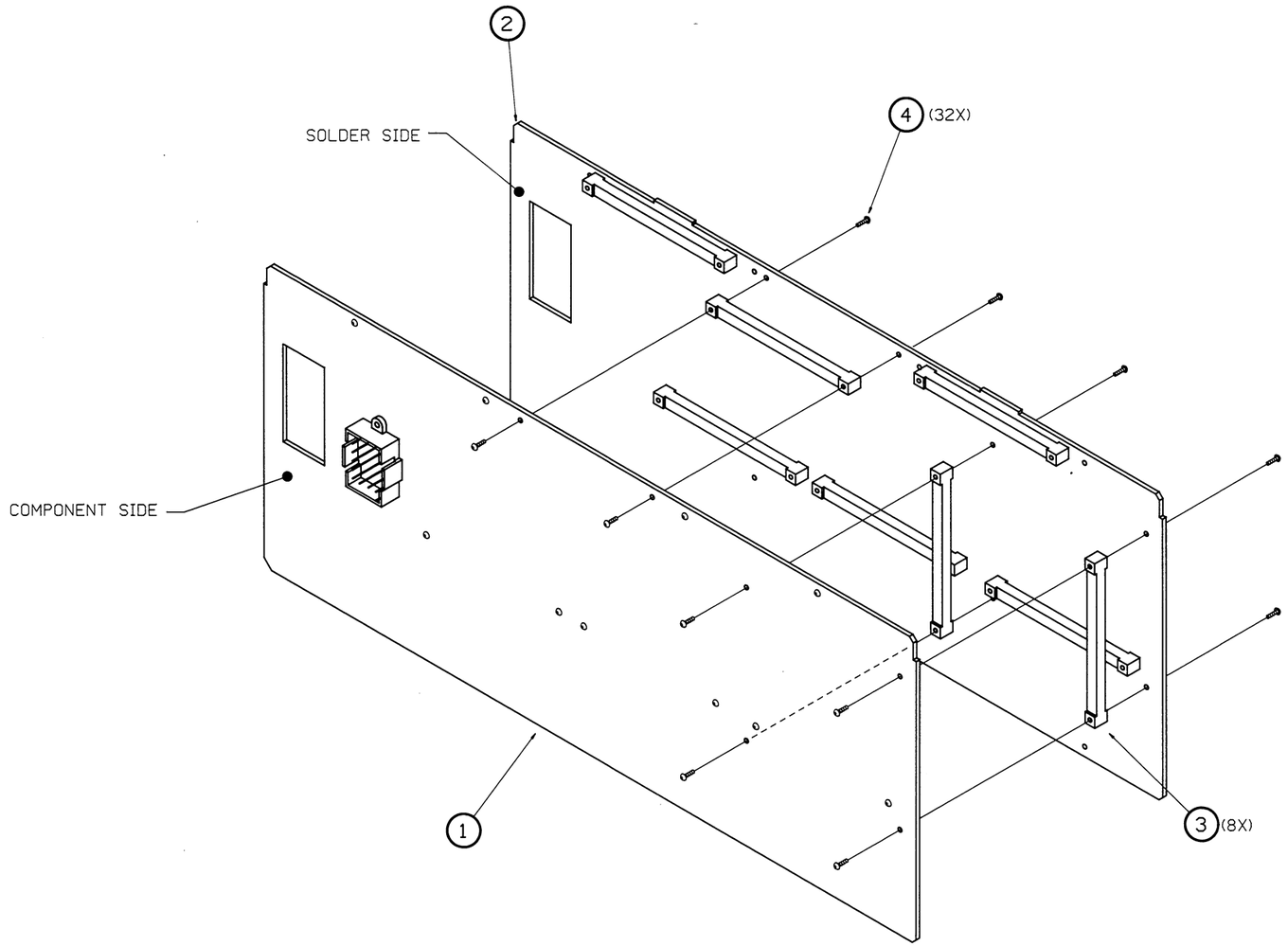
REVISIONS

REV	ECO	DFTR	DATE	CHK	APVD	M/F	RDC
A1	E392	DR	6-9-9	—			



NOTES:

1. ITEM NUMBERS IN CIRCLES INDICATE ITEM NUMBERS ON BILL OF MATERIAL 074725-01

6576	084701-10
USED ON	NEXT ASSY
APPLICATION	
DISTRIBUTION	

GRASS VALLEY GROUP®
GRASS VALLEY CALIFORNIA — A TEKTRONIX COMPANY

DRAWN BY DR	DATE •19 OCT 90•
ENGINEER SK	
CHECKED BY	DATE
APPROVED DR	DATE
PILOT RUN RLSE SK	DATE 6-9-9
ENGINEER RLSE	DATE

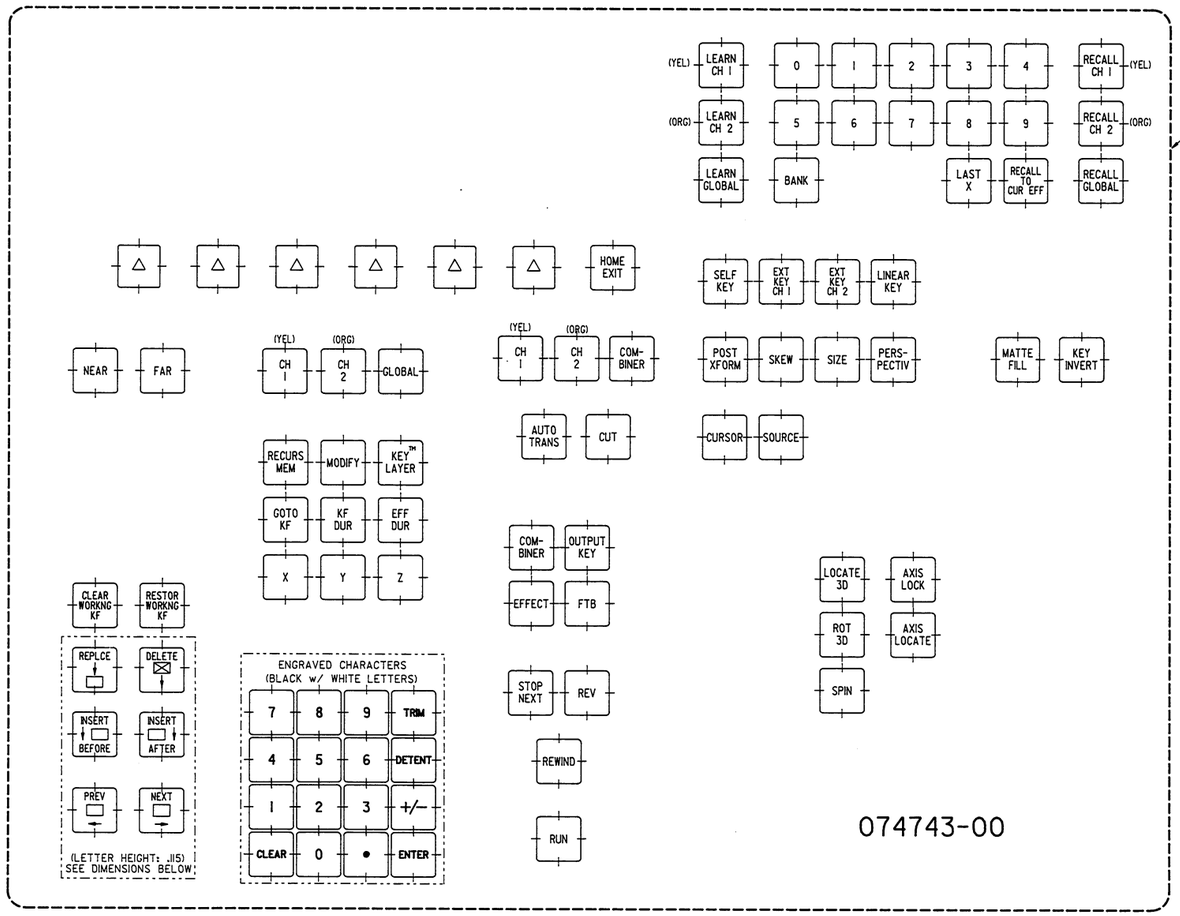
ASSEMBLY
MOTHERBOARD
DPM-100 FRAME

SIZE C | 06-074725-01 | REV A1

SCALE 1:2 | SHEET 1 OF 1

FILE 7472500A1.DGN | LEVELS 1,2,3,50,63

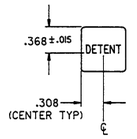
SIZE C | DWG NO. 06-074725-01 | REV A1 | SH 1



PALLET

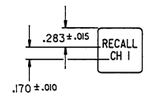
ALL WHITE
(EXCEPT WHERE NOTED)

SINGLE LINE



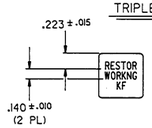
STYLE : CONDENSED BLOCK
LETTER HEIGHT : .120 ±.003
STROKE : .012 ±.002

DOUBLE LINE



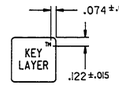
STYLE : CONDENSED BLOCK
LETTER HEIGHT : .120 ±.003
STROKE : .012 ±.002

TRIPLE LINE



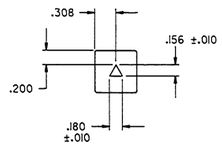
STYLE : CONDENSED BLOCK
LETTER HEIGHT : .110 ±.003
STROKE : .012 ±.002

TRADEMARK CAP
(TYPICAL DOUBLE LINE w/ TM)



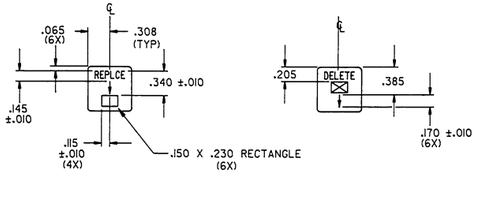
STYLE : CONDENSED BLOCK
LETTER HEIGHT : .052 ±.003
STROKE : .010 ±.002

TRIANGLE

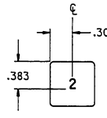


ORIENTATION

SNAPS ARE ON LEFT , RIGHT AND BOTTOM , INSIDE

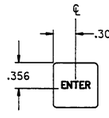


ENGRAVED NUMERICS

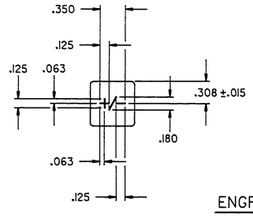


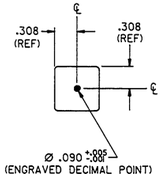
STYLE : CONDENSED BLOCK
CHARACTER HEIGHT : .150 +.005 -.001
STROKE : .020 ±.002

ENGRAVED LETTERS



STYLE : CONDENSED BLOCK
LETTER HEIGHT : .115 ±.002
STROKE : .020 ±.002





ENGRAVED SYMBOLS
DIM TOL: ±.005

NOTES : (UNLESS OTHERWISE SPECIFIED)

1. PART NUMBERS FOR COLORS USED ARE :
   WHITE : LBII06-00 70 EA.
   ORANGE : LBII06-01 4 EA.
   YELLOW : LBII06-02 4 EA.
   BLACK : LBII06-03 16 EA.
2. DIM TOL : .XXX = ± .015 & NOTED
3. ALL DESIGNATIONS TO BE CENTERED LEFT TO RIGHT ± .015 OF VERTICLE CENTER OF CAP
4. CHARACTER COLOR : BLACK - FOR WHT , ORG & YEL LENSES
   WHITE - FOR BLACK LENSES
5. LENSES SHOWN ON SHIPPING PALLET , LAYOUT IS SAME LAYOUT ON CONTROL PANEL
6. ENGRAVING SPECIFICATIONS -
   LETTER HEIGHT: .115 ±.002
   NUMERICAL HEIGHT: .150 +.005 -.001
   STROKE: .020 ±.002
7. NO CHARACTER TO FALL WITHIN THE .05 CAP EDGE RADIUS.

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REVISIONS

REV	ECO	DFTR	DATE	CHK	APVD	M/F	RDC
X2	----	JP	2/6/91				

NEAR WAS FRONT , FAR WAS BACK , SKEW WAS SKEW/ASPECT , SIZE WAS SIZE LOCATE , PERSPECTIV & AXIS LOCK TRADE PLACES

A1	Z426	JP	6/18/91				

PILOT RUN RLSE

GRASS VALLEY GROUP • GVG
GRASS VALLEY CALIFORNIA — A TEKTRONIX COMPANY

DRAWN BY JP	DATE 30 JAN 91	LENS KIT ORIENTATION AND DESIGNATIONS
ENGINEER DL	DATE 30 JAN 91	
CHECKED BY	DATE	
APPROVED	DATE	
PILOT RUN RLSE	DATE 6/18/91	SIZE D — 31-074743-00 — REV A1
ENGINEER RLSE	DATE	SCALE 1:1 — SHEET 1 OF 1
FILE 7474300.DGN		LEVELS 52,53,63

DPM 700	
USED ON	NEXT ASSY
APPLICATION	
DISTRIBUTION	

REV SH A1 1
SIZE DWG NO. D 31-074743-00

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REVISIONS

REV	ECO	DFTR	DATE	CHK	APVD	M/F	RDC
A1	Z392	DR	4JUN91	-	DR		

ADDED ITEMS 28, 29, 32 & 36; ITEM 35 WAS 25; PILOT RUN RLSE

POWER SUPPLY HARNESS CONNECTIONS

ITEM (8) 52R241-00
J3: CP1716-00 (PART OF ITEM 8)

F1

F2

ITEM (11) F8140EB-00
J2: CP1716-00 (PART OF ITEM 8)

ITEM (12) 8R141-00
J4: CP1781-00 (PART OF ITEM 8)
J5: TA0215-00

ADHESIVE SIDE

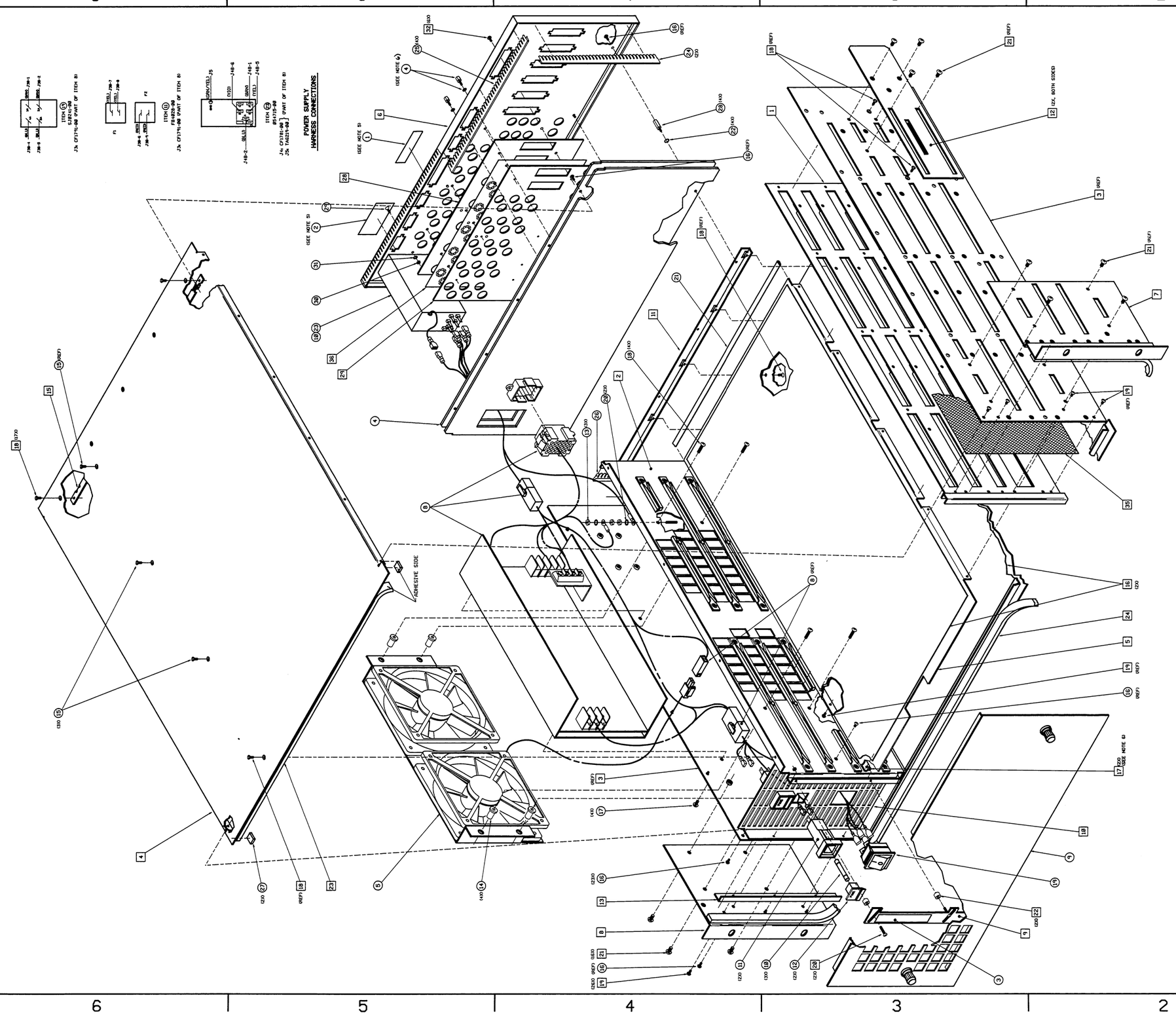
NOTES:

1. ITEM NUMBERS IN CIRCLES INDICATES ITEM NUMBERS ON BILL OF MATERIAL 074728 (ITEM 15 ON BOM 084701-02)
   ITEM NUMBERS IN SQUARES INDICATES ITEM NUMBERS ON BILL OF MATERIAL 074726 (ITEM 7 ON BOM 074728-00)
2. NOT ALL WIRES ARE SHOWN ON POWER SUPPLY HARNESS (074707) FOR CLARITY.
   SEE HARNESS CONNECTION DIAGRAM FOR HARNESS LOCATIONS.
3. MODULES NOT SHOWN FOR CLARITY (ITEMS 5-7 ON BOM 084701-02)
4. ITEM 2 ADHERES TO AC POWER CONNECTOR (ITEM 23) & REAR COVER (ITEM 6),
   COVERING ITEM 23'S LINE CORD INPUT AREA. ITEM 1 ADHERES TO REAR COVER (ITEM 6)
   IN RECTANGULAR SILKSCREENED BOX DIRECTLY BELOW ITEM 23.
5. AFTER ITEM [9] (RESTRICT PLATE), (29) (SCREWS) & (22) (SPACERS) ARE SECURED INTO ITEM [2] (CARD GUIDE-DIVIDER), UNTIGHTEN SCREWS JUST ENOUGH TO ALLOW PLATE TO SLIDE EASILY ALONG IT'S SLOTS. ATTACH ITEM (17) (NUTS) TO ENDS OF SCREWS & TURN NUTS UNTIL THEY TOUCH DIVIDER (DO NOT TIGHTEN). RETIGHTEN SCREWS AGAINST PLATE (THIS WILL ALSO BACK NUTS OFF DIVIDER) AND APPLY A DROP OF LOCTITE 271 RED ON REAR SIDES OF NUTS & SCREWS. LET LOCTITE FULLY CURE (24 HRS) BEFORE UNTIGHTENING SCREWS.
6. JACKSCREWS AND WASHERS ARE PART OF MOTHERBOARD ASSEMBLY. THEY MUST BE REMOVED AND REPLACED TO ALLOW ASSEMBLY OF REAR COVER (ITEM 6)

Grass Valley Group® A TEKTRONIX COMPANY
GRASS VALLEY CALIFORNIA

DRAWN BY DR DATE 21DEC 90	ASSEMBLY FRAME, ELECTRONICS NTSC DPM
ENGINEER SK	
CHECKED BY DR DATE	
APPROVED DR DATE	
PILOT RUN RLSE SK DATE 31MAY91	SIZE D — 06-08470I-02 — REV A1
ENGINEER RLSE DATE	SCALE NONE — SHEET 1 OF 1
6576 USED ON NEXT ASSY	FILE 8470I02XI.DGN — LEVELS I-63
APPLICATION	
DISTRIBUTION	

SIZE D DWG NO. 06-084701-02 REV A1 SH 1



NOTES:

1. ITEM NUMBERS IN CIRCLES INDICATES ITEM NUMBERS ON BILL OF MATERIAL 074728 (ITEM 15 ON BOM 084701-11)
   ITEM NUMBERS IN SQUARES INDICATES ITEM NUMBERS ON BILL OF MATERIAL 074726 (ITEM 7 ON BOM 074728-00)
2. NOT ALL WIRES ARE SHOWN ON POWER SUPPLY HARNESS (074707) FOR CLARITY.
   SEE HARNESS CONNECTION DIAGRAM FOR HARNESS LOCATIONS.
3. MODULES NOT SHOWN FOR CLARITY (ITEMS 5-7 ON BOM 084701-02)
4. ITEM 2 ADHERES TO AC POWER CONNECTOR (ITEM 23) & REAR COVER (ITEM 6) ARE SECURED INTO ITEM 2 (CARD GUIDE-DIVIDER).
   COVERING ITEM 23'S LINE CORD INPUT AREA. ITEM 1 ADHERES TO REAR COVER (ITEM 6) SLIDE EASILY ALONG IT'S SLOTS. ATTACH ITEM 7 (NUTS)
   IN RECTANGULAR SILKSCREENED BOX DIRECTLY BELOW ITEM 23. TO ENDS OF SCREWS & TURN NUTS UNTIL THEY TOUCH DIVIDER (DO NOT TIGHTEN). RETIGHTEN SCREWS AGAINST
5. AFTER ITEM 9 (RESTRICT PLATE), 29 (SCREWS) & 22 (SPACERS) ARE SECURED INTO ITEM 2 (CARD GUIDE-DIVIDER), DO NOT TIGHTEN. SLIDE EASILY ALONG IT'S SLOTS. ATTACH ITEM 7 (NUTS) TO ENDS OF SCREWS & TURN NUTS UNTIL THEY TOUCH DIVIDER (DO NOT TIGHTEN). RETIGHTEN SCREWS AGAINST PLATE (THIS WILL ALSO BACK NUTS OFF DIVIDER) AND APPLY A DROP OF LOCTITE 271 RED ON REAR SIDES OF NUTS & SCREWS. LET LOCTITE FULLY CURE (24 HRS) BEFORE UNTIGHTENING SCREWS.
6. JACKSCREWS AND WASHERS ARE PART OF MOTHERBOARD ASSEMBLY. THEY MUST BE REMOVED AND REPLACED TO ALLOW ASSEMBLY OF REAR COVER (ITEM 6)

THIS DRAWING WHEN DISTRIBUTED OUTSIDE THE GRASS VALLEY GROUP, INC. IS SUPPLIED FOR IDENTIFICATION, ENGINEERING EVALUATION AND/OR INSPECTION PURPOSES ONLY AND MAY NOT BE USED AS A BASIS FOR MANUFACTURE OR SALES OF PRODUCTS OR DISCLOSED TO OTHER PARTIES WITHOUT WRITTEN PERMISSION FROM THE GRASS VALLEY GROUP, INC.

REVISIONS

REV	ECO	DFTR	DATE	CHK	APVD	M/F	RDC
A1	Z392	DR	4JUN91	-	DR		

ADDED ITEMS 28, 29, 32 & 36; ITEM 35 WAS 25; PILOT RUN RLSE

6576	
USED ON	NEXT ASSY
APPLICATION	
DISTRIBUTION	

Grass Valley Group® GRASS VALLEY CALIFORNIA A TEKTRONIX COMPANY

DRAWN BY DR	DATE 21 DEC 90
ENGINEER SK	
CHECKED BY DR	DATE
APPROVED DR	DATE
PILOT RUN RLSE SK	DATE 31MAY91
ENGINEER RLSE	DATE

ASSEMBLY
FRAME, ELECTRONICS
PAL
DPM

SIZE		REV
D	06-084701-11	A1

SCALE	NONE	SHEET 1 OF 1
FILE	847010I2XI.DGN	LEVELS 1-63

REV SH
A1 1

SYSTEM NO.
D 06-084701-11

SIZE D DWG NO 70-08470-00 REV Y SH 1

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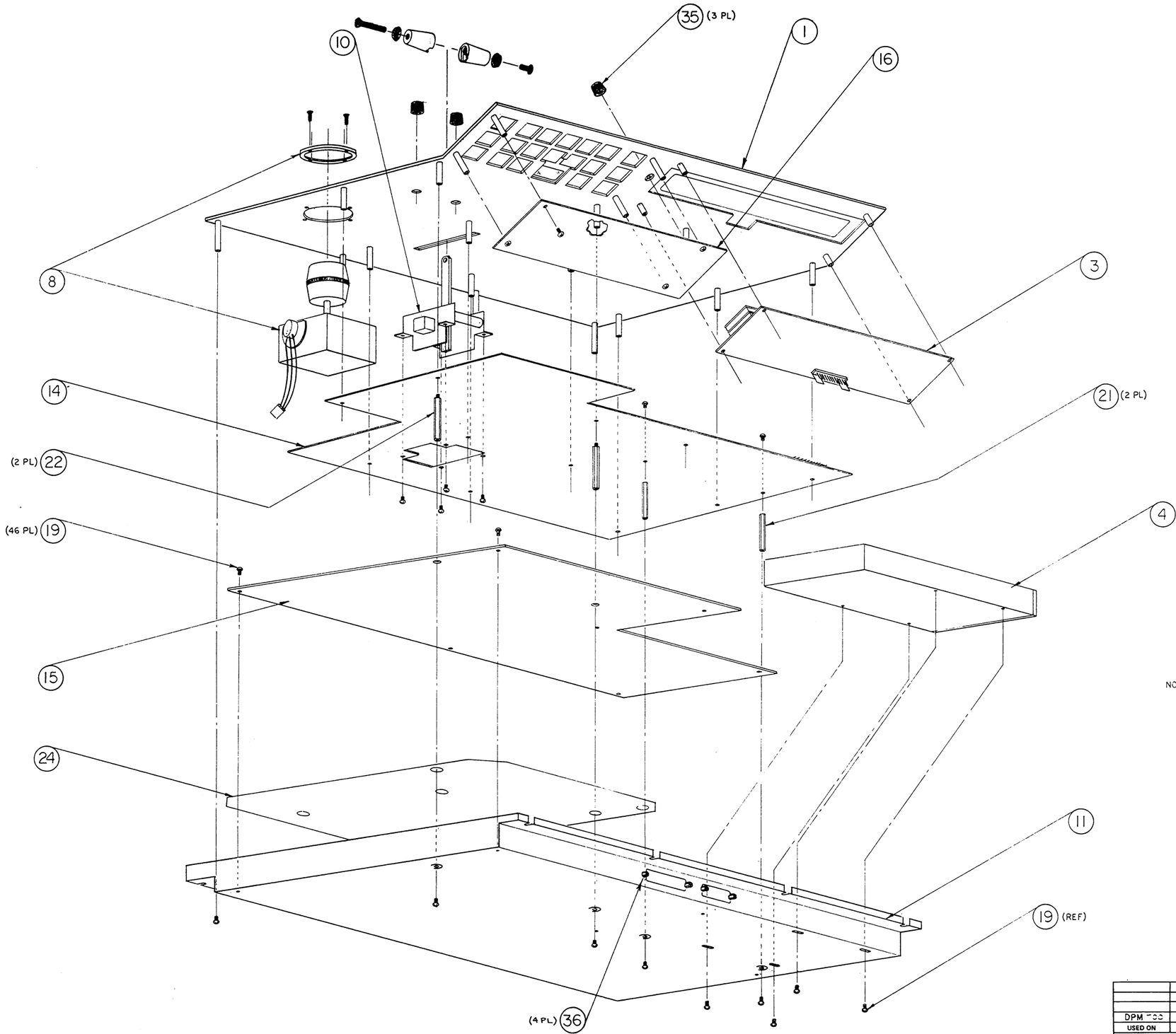
REVISIONS

REV	ECO	DFTR	DATE	CHK	APVD	M/F	RDC



NOTES:
1. NUMBERS IN ◯ COINCIDE WITH NUMBERS ON BOM 08-770-00

BRUNING 60-5020

GRASS VALLEY GROUP
GRASS VALLEY CALIFORNIA A TEKTRONIX COMPANY

DRAWN UP	DATE 9 JUN 8	ASSEMBLY DRAWING CONTROL PANEL DPM 700
ENGINEER DL	DATE 9 JUN 8	
CHECKED	DATE	
APPROVED	DATE	SIZE D DRAWING NO. 06-08470-00 REV
PILOT RUN RLSE	DATE	
ENGRG RLSE	DATE	SCALE: NTS SHEET 1 OF 3

DPM 700
USED ON NEXT ASSY
APPLICATION
DISTRIBUTION

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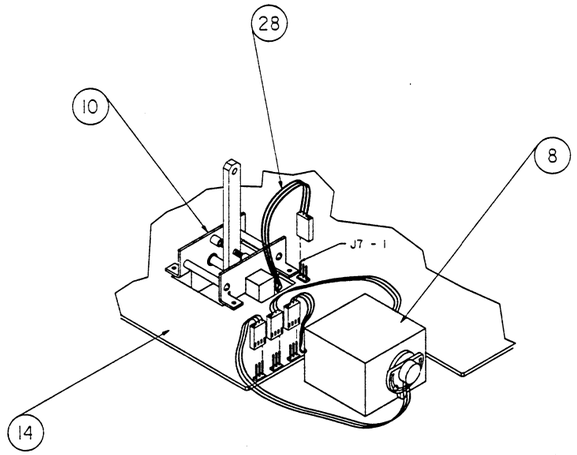
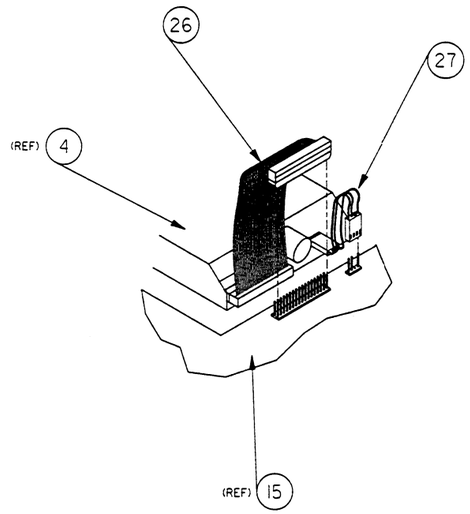
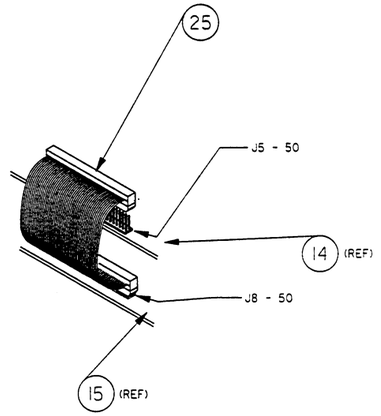
REVISIONS

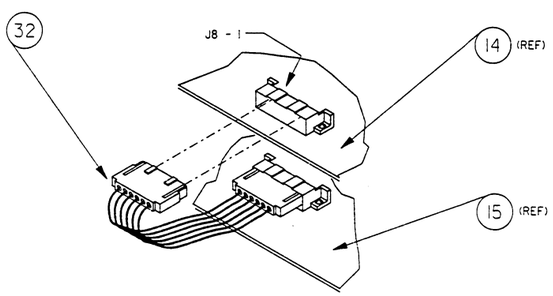
REV	ECO	DFTR	DATE	CHK	APVD	M/F	ROC
						11/21/94	

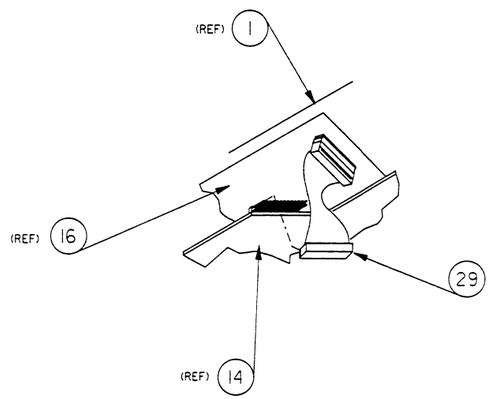
See Sht 1

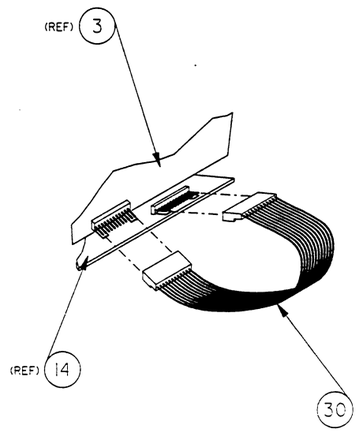












GRASS VALLEY GROUP • A TEKTRONIX COMPANY
GRASS VALLEY CALIFORNIA

DRAWN BY JP	DATE 9-15-5	ASSEMBLY, CONTROL PANEL DPM ???	
ENGINEER DL	DATE 9-15-5		
CHECKED BY	DATE		
APPROVED	DATE	SIZE D	06-0847?0-00 REV
PILOT RUN RLSE	DATE	SCALE N T S	SHEET 2 OF 3
ENGINEER RLSE	DATE	FILE	LEVELS

DPM ???	
USED ON	NEXT ASSY
APPLICATION	
DISTRIBUTION	

REV X1 SH 2
SIZE D DWG NO. 06-0847?0-00

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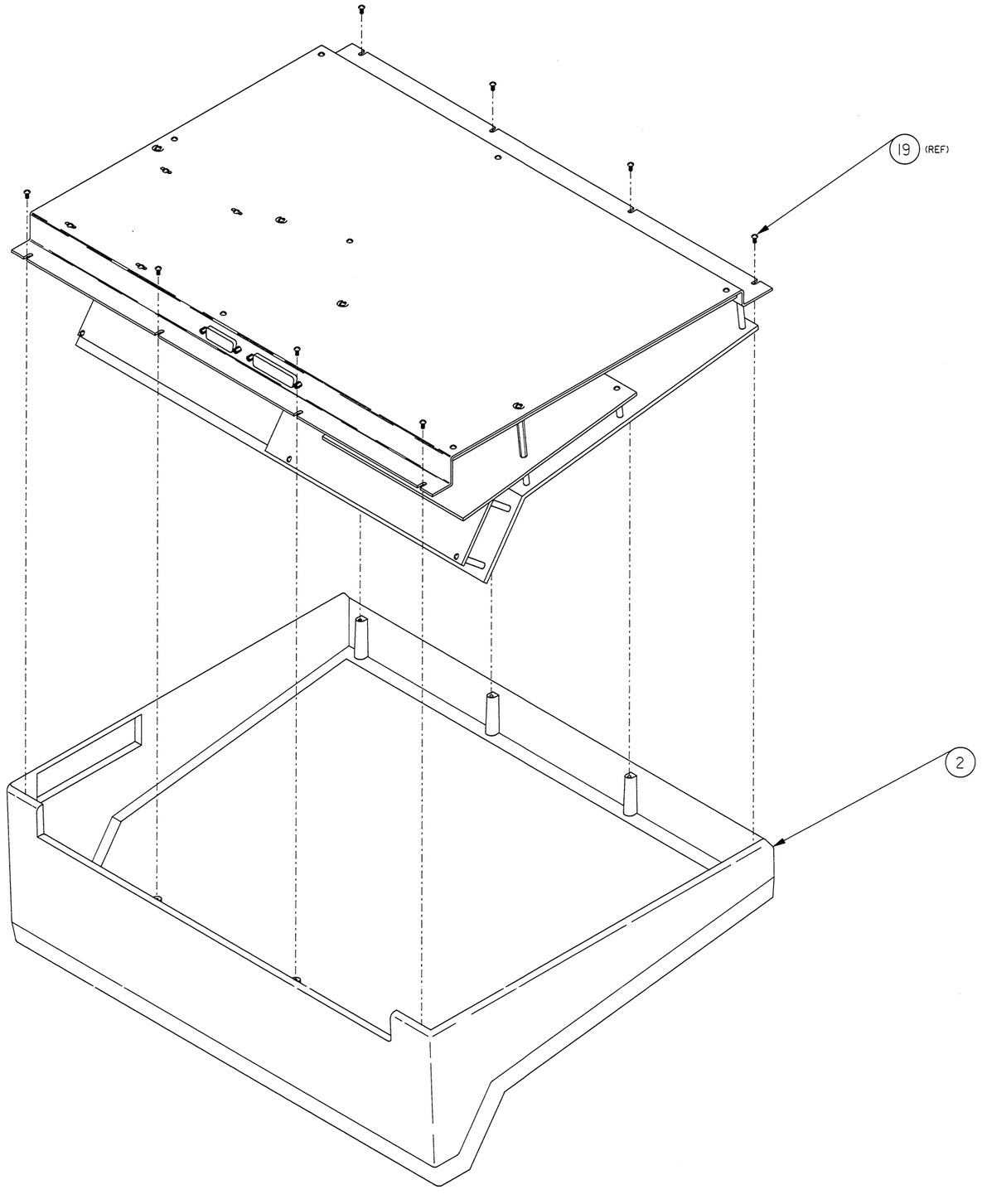
REVISIONS

REV	ECO	DFTR	DATE	CHK	APVD	M/F	RDC
						11/22/89	

SEE SHT 1



GRASS VALLEY GROUP • GVG
GRASS VALLEY CALIFORNIA — A TEKTRONIX COMPANY

DRAWN BY JP — DATE 8 JAN 89	ASSEMBLY, CONTROL PANEL DPM 700
ENGINEER DL — DATE 8 JAN 89	
CHECKED BY — DATE	
APPROVED — DATE	SIZE D — 06-084770-00 — REV
PILOT RUN RLSE — DATE	SCALE N T S — SHEET 3 OF 3
ENGINEER RLSE — DATE	FILE — LEVELS

DPM 700
USED ON — NEXT ASSY
APPLICATION
DISTRIBUTION

SIZE D — DWG NO. 06-084770-00 — REV X1 — SH 3

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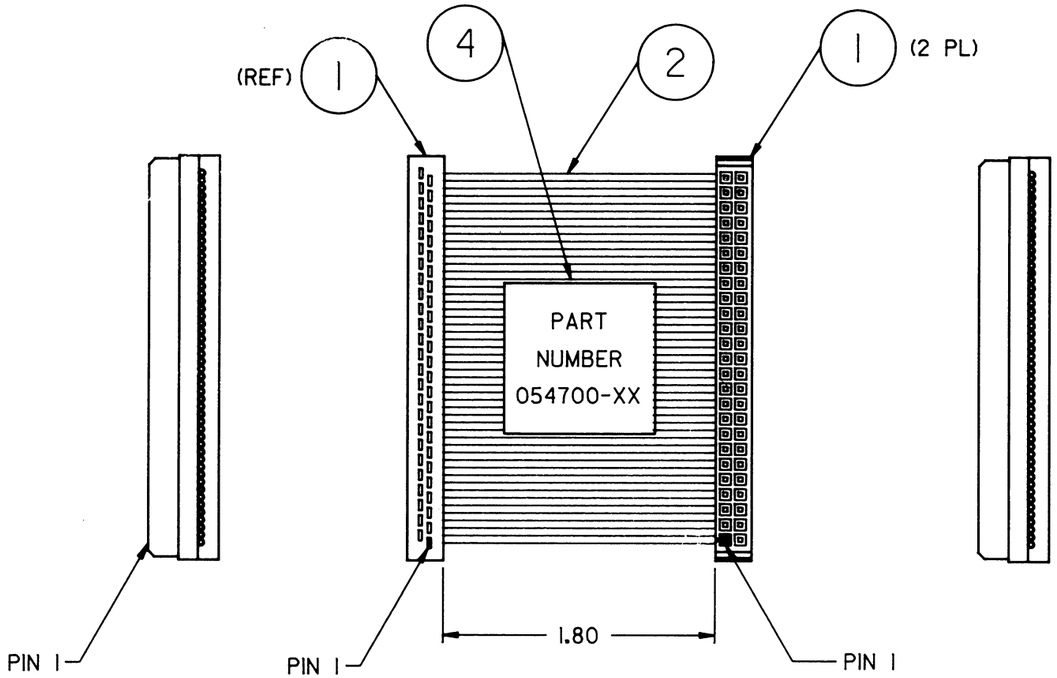
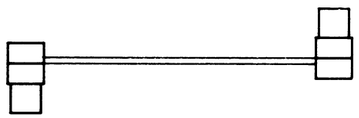
REVISIONS

REV	ECO	DFTR	DATE	CHK	APVD	M/F	RDC
A1	W448	JP	10/5/89				

PILOT RUN RLSE w/o CHG





NOTES :

1. ITEM NUMBERS IN CIRCLES COINCIDE WITH ITEM NUMBERS ON BOM
2. DIMENSIONS ARE IN INCHES
3. DIM TOL : .XX = ± .06

USED ON	NEXT ASSY
APPLICATION	
DISTRIBUTION	

GRASS VALLEY GROUP • A TEKTRONIX COMPANY
GRASS VALLEY CALIFORNIA

DRAWN BY JP	DATE 14 FEB 89
ENGINEER JP	14 FEB 89
CHECKED BY	DATE
APPROVED	DATE
PILOT RUN RLSE	DATE
ENGINEER RLSE	DATE

CABLE , RIBBON
SWITCH BRD TO CPU
50 CONDUCTOR

SIZE		REV
B	06-054700-00	A1
SCALE	SHEET 1 OF 1	
FILE	LEVELS	

3 2

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REVISIONS

REV	ECO	DFTR	DATE	CHK	APVD	M/F	RDC
AI	W448	JP	10/5/89				
PILOT RUN RLSE w/o CHG							
BI	W895	JP	6/21/90				
ADDED STRAIN RELIEF TO ITEM I							
CI	ZI0I	JP	12/10/91		JDP 1.91		
ADDED -I0 VERSION							

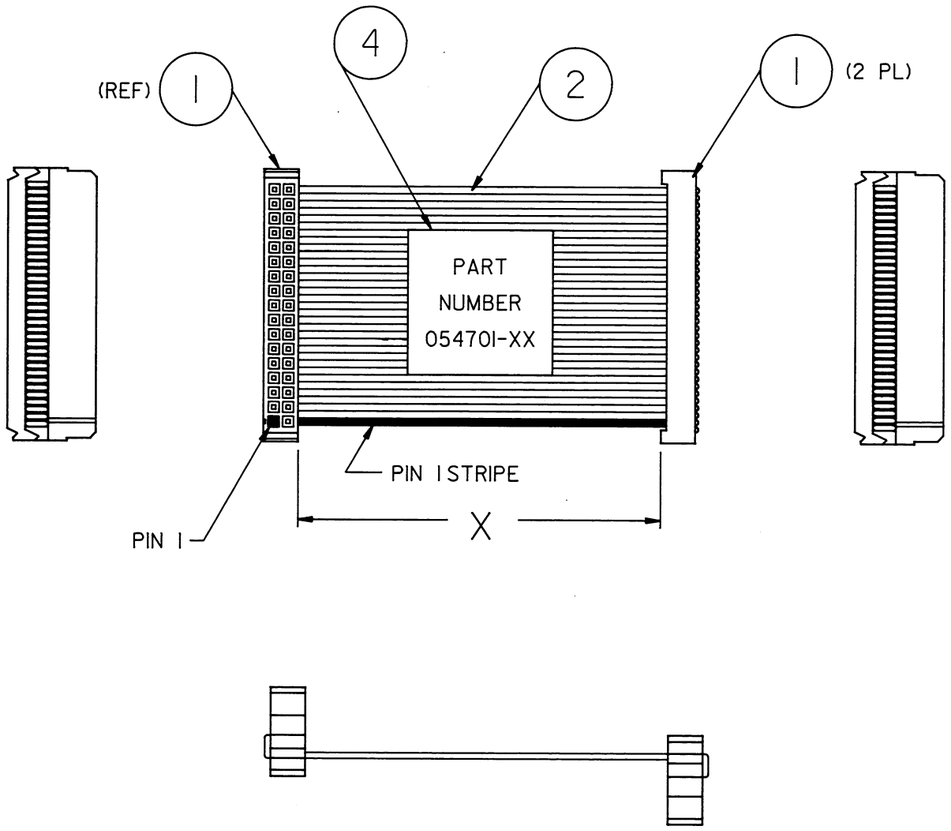

TABLE	
DASH NO.	DIM "X"
-00	2.50
-0I	72.00
-I0	6.25

NOTES :

1. ITEM NUMBERS IN CIRCLES COINCIDE WITH ITEM NUMBERS ON BOM
2. DIMENSIONS ARE IN INCHES
3. DIM TOL : .XX = ± .06

DPM I00	
USED ON	NEXT ASSY
APPLICATION	
DISTRIBUTION	

GRASS VALLEY GROUP®
GRASS VALLEY CALIFORNIA
A TEKTRONIX COMPANY

DRAWN BY JP	DATE 14 FEB 89	CABLE , RIBBON DISK DRIVE TO CPU 34 CONTACT
ENGINEER JP	14 FEB 89	
CHECKED BY	DATE	
APPROVED	DATE	
PILOT RUN RLSE	DATE	
ENGINEER RLSE	DATE	

SIZE		REV
B	06-05470I- SEE TABLE	CI
SCALE I:I	SHEET I OF I	
FILE	LEVELS	

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REVISIONS

REV	ECO	DFTR	DATE	CHK	APVD	M/F	RDC
X2	----	JP	9/12/89				
ADDED -01 VERSION							
X3	----	JP	9/29/89				
MOVED ITEM 5 TO PIN 2 & AN ITEM 3 TO PIN 3							
A1	W448	JP	10/5/89				
PILOT RUN RLSE w/o CHG							
B1	Z101	JP	1/16/91		JDP	1.91	
ADDED -10 VERSION							

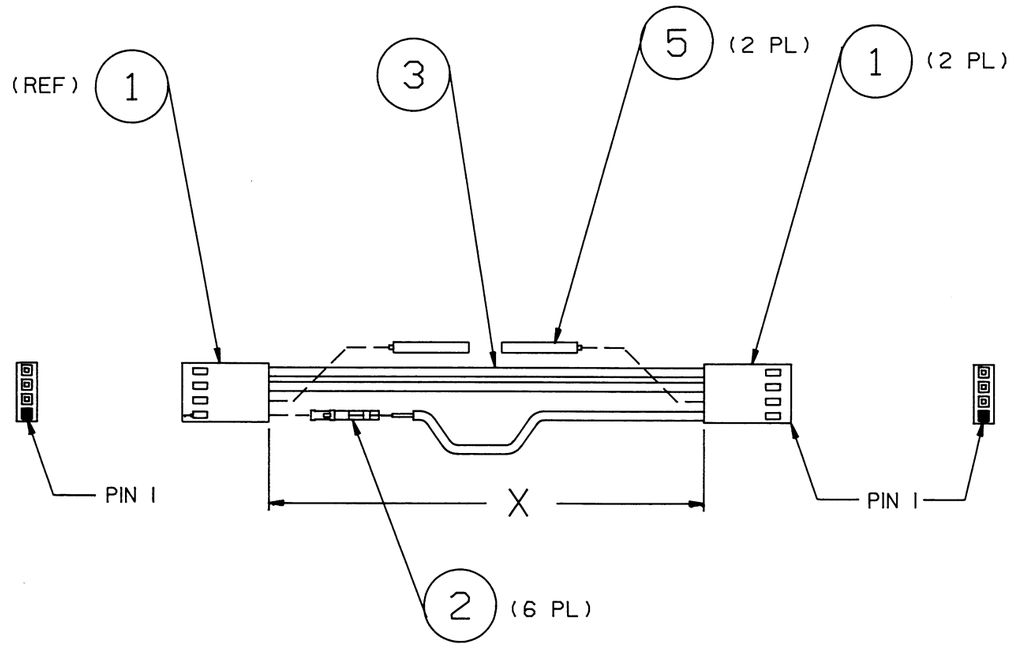

TABLE	
DASH NO.	DIM "X"
-00	3.00
-01	72.00
-10	4.50

NOTES :

1. ITEM NUMBERS IN CIRCLES COINCIDE WITH ITEM NUMBERS ON BOM
2. DIMENSIONS ARE IN INCHES
3. DIM TOL : .XX = ± .06

USED ON	NEXT ASSY
APPLICATION	
DISTRIBUTION	

GRASS VALLEY GROUP®
GRASS VALLEY CALIFORNIA
A TEKTRONIX COMPANY

DRAWN BY JP	DATE 15 FEB 89
ENGINEER JP	DATE 15 FEB 89
CHECKED BY	DATE
APPROVED	DATE
PILOT RUN RLSE	DATE
ENGINEER RLSE	DATE

CABLE , POWER
DISK DRIVE TO CPU
4 CNT / .100 CNTRS

SIZE		REV
B	06-054702-SEE TABLE	B1
SCALE 1:1	SHEET 1 OF 1	
FILE	LEVELS	

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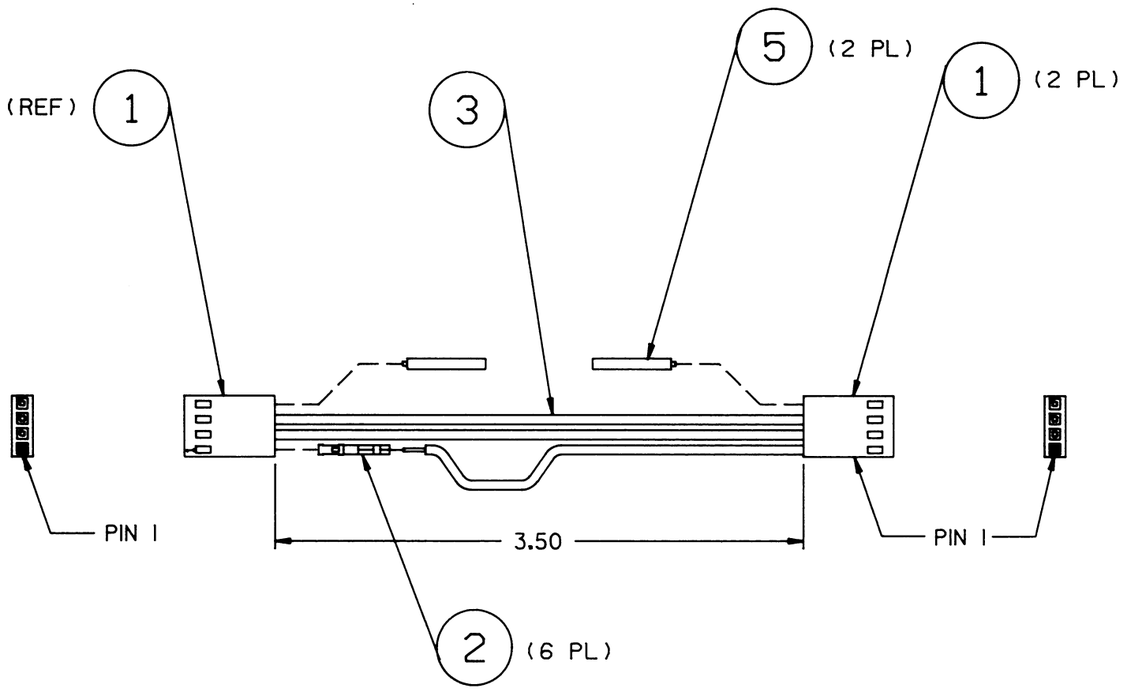
REVISIONS

REV	ECO	DFTR	DATE	CHK	APVD	M/F	RDC
A1	W448	JP	10/5/89				

PILOT RUN RLSE w/o CHG



NOTES :

1. ITEM NUMBERS IN CIRCLES COINCIDE WITH ITEM NUMBERS ON BOM 054703-00
2. DIMENSIONS ARE IN INCHES
3. DIM TOL : .XX = ± .06

DPM 100	
USED ON	NEXT ASSY
APPLICATION	
DISTRIBUTION	

GRASS VALLEY GROUP • A TEKTRONIX COMPANY
GRASS VALLEY CALIFORNIA

DRAWN BY JP	DATE 15 FEB 89
ENGINEER JP	15 FEB 89
CHECKED BY	DATE
APPROVED	DATE
PILOT RUN RLSE	DATE
ENGINEER RLSE	DATE

CABLE , POWER
LEVER ARM / JOY STIK
TO SWITCH BRD,3 CNT

SIZE		REV
B	06-054703-00	A1
SCALE 1:1	SHEET 1 OF 1	
FILE	LEVELS	

3 2

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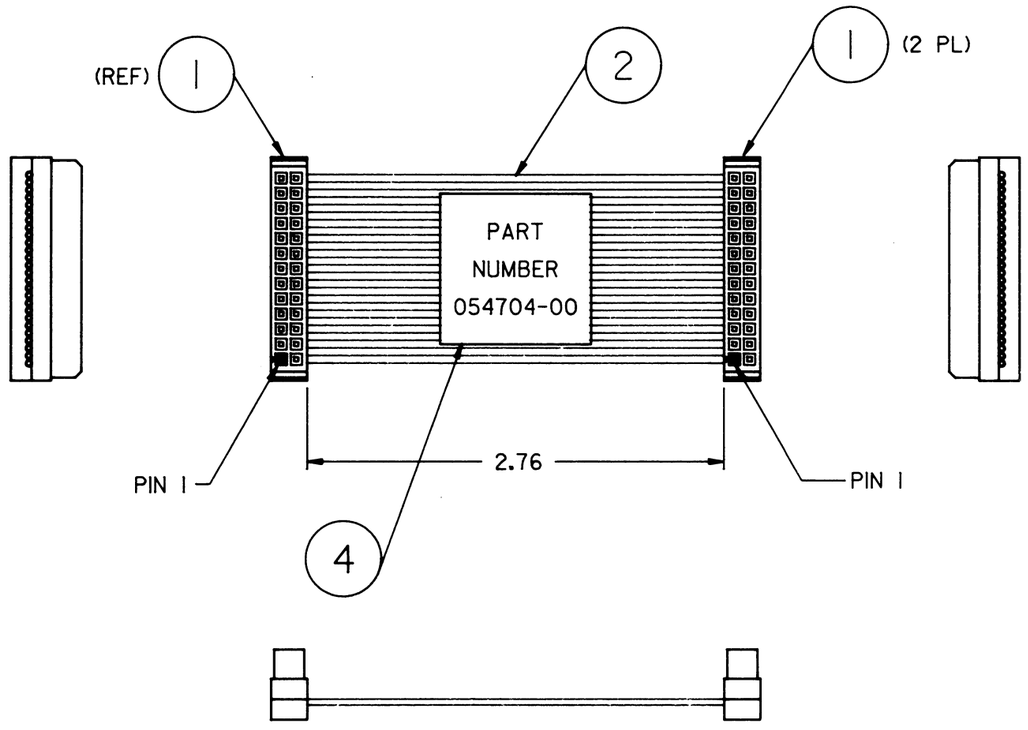
REVISIONS

REV	ECO	DFTR	DATE	CHK	APVD	M/F	RDC
A1	W448	JP	10/5/89				

PILOT RUN RLSE w/o CHG



NOTES :

1. ITEM NUMBERS IN CIRCLES COINCIDE WITH ITEM NUMBERS ON BOM 054704-00
2. DIMENSIONS ARE IN INCHES
3. DIM TOL : .XX = ± .06

DPM 100	
USED ON	NEXT ASSY
APPLICATION	
DISTRIBUTION	

GRASS VALLEY GROUP • A TEKTRONIX COMPANY
GRASS VALLEY CALIFORNIA

DRAWN BY JP	DATE 15 FEB 89	CABLE , RIBBON E-MEM TO SWITCH BRD 26 CONDUCTOR
ENGINEER JP	15 FEB 89	
CHECKED BY	DATE	
APPROVED	DATE	
PILOT RUN RLSE	DATE	SIZE B — 06-054704-00 — REV A1
ENGINEER RLSE	DATE	SCALE 1:1 — SHEET 1 OF 1
		FILE — LEVELS

3 2

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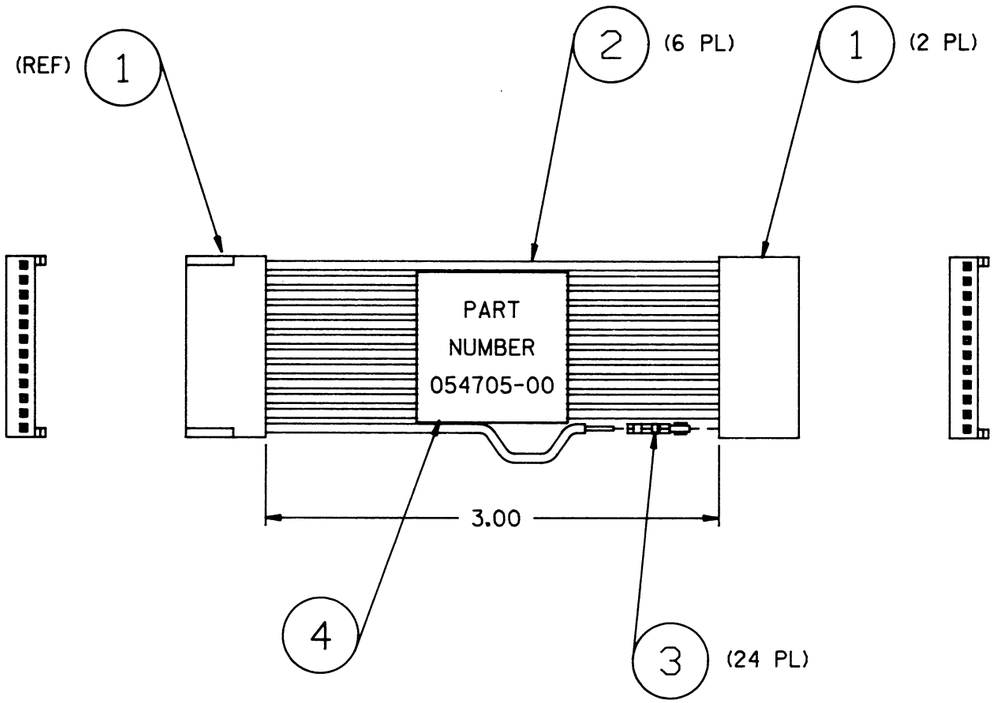
REVISIONS

REV	ECO	DFTR	DATE	CHK	APVD	M/F	RDC
A1	W448	JP	10/5/89				

PILOT RUN RLSE w/o CHG



NOTES :

1. ITEM NUMBERS IN CIRCLES COINCIDE WITH ITEM NUMBERS ON BOM 054705-00
2. DIMENSIONS ARE IN INCHES
3. DIM TOL : .XX = ± .06

DPM 100	
USED ON	NEXT ASSY
APPLICATION	
DISTRIBUTION	

GRASS VALLEY GROUP • A TEKTRONIX COMPANY
GRASS VALLEY CALIFORNIA

DRAWN BY JP	DATE 15 FEB 89
ENGINEER JP	15 FEB 89
CHECKED BY	DATE
APPROVED	DATE
PILOT RUN RLSE	DATE
ENGINEER RLSE	DATE

CABLE , POWER
DISPLAY TO SW. BOARD
12 CNT / .098 CNTRS

SIZE		REV
B	06-054705-00	A1
SCALE 1:1	SHEET 1 OF 1	
FILE	LEVELS	

3 2

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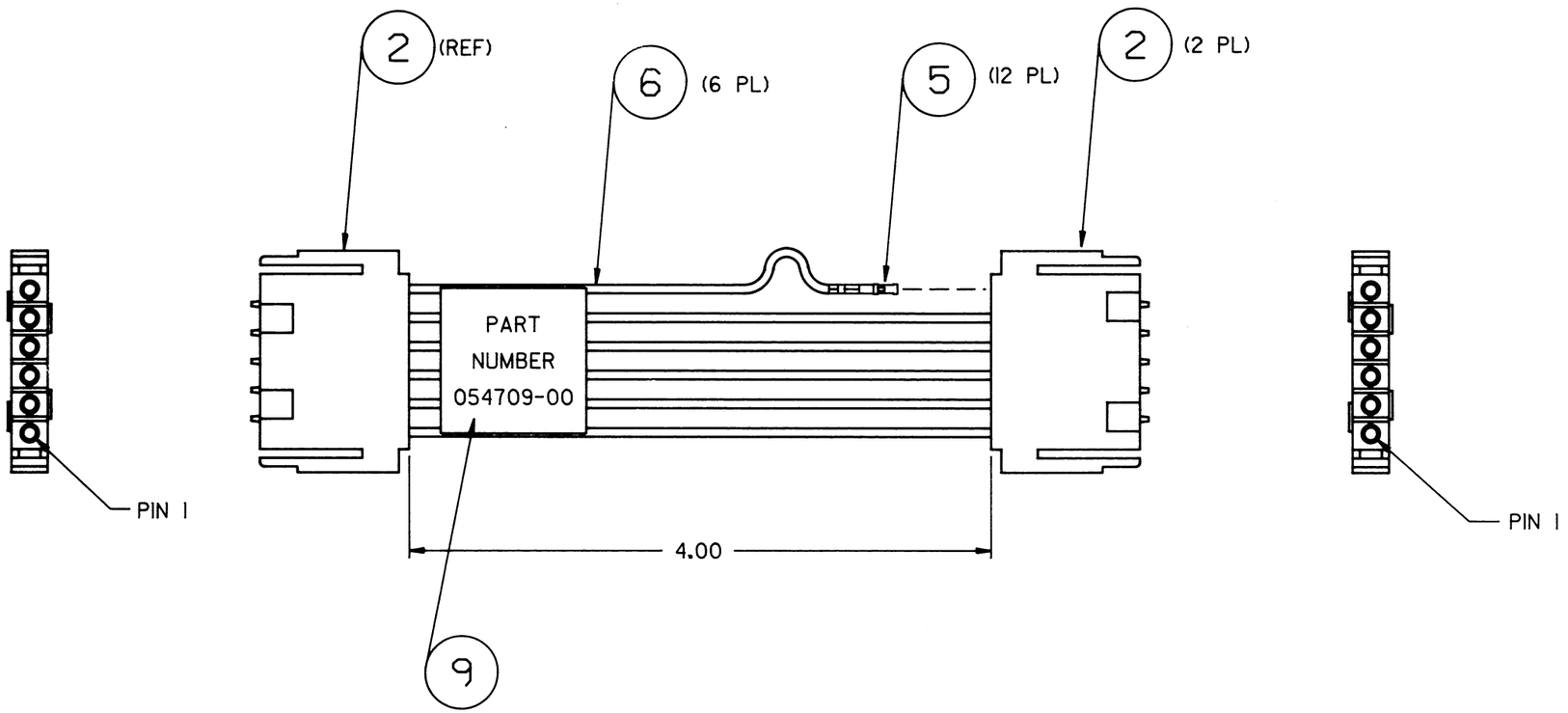
REVISIONS

REV	ECO	DFTR	DATE	CHK	APVD	M/F	RDC
A1	W448	JP	10/5/89				

PILOT RUN RLSE w/o CHG



NOTES :

1. ITEM NUMBERS IN CIRCLES COINCIDE WITH ITEM NUMBERS ON BOM 054709-00
2. DIMENSIONS ARE IN INCHES
3. DIM TOL : .XX = ± .06

DPM 100	
USED ON	NEXT ASSY
APPLICATION	
DISTRIBUTION	

GRASS VALLEY GROUP • A TEKTRONIX COMPANY
GRASS VALLEY CALIFORNIA

DRAWN BY JP	DATE 27 FEB 89
ENGINEER JP	DATE 27 FEB 89
CHECKED BY	DATE
APPROVED	DATE
PILOT RUN RLSE	DATE
ENGINEER RLSE	DATE

CABLE , POWER
CPU TO SWITCH BOARD
6 CONDUCTOR

SIZE		REV
B	06-054709-00	A1
SCALE 1:1	SHEET 1 OF 1	
FILE	LEVELS	

3 2

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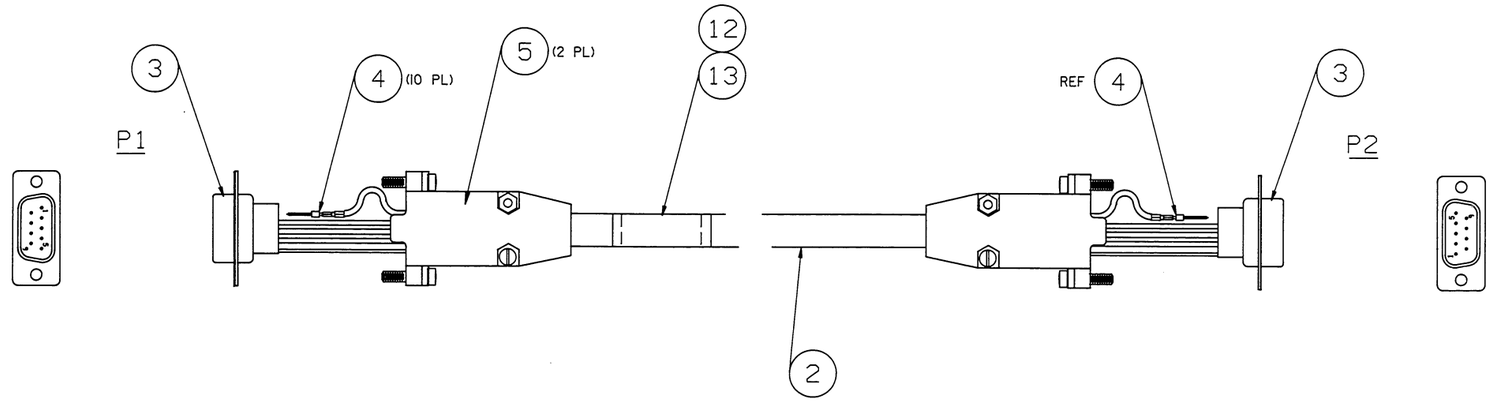
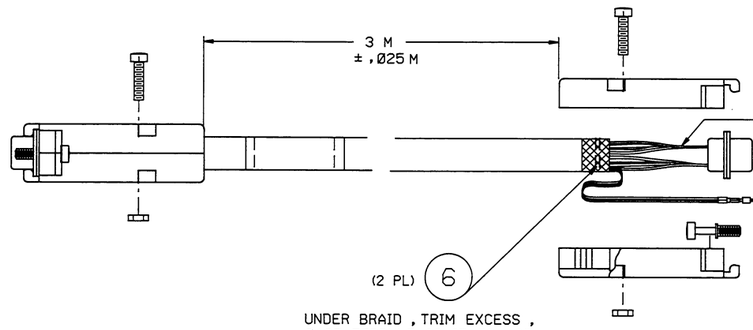
REVISIONS

REV	ECO	DFTR	DATE	CHK	APVD	M/F	RDC
X2	---	JP	9/27/90				
3 M WAS X & WIRE COLORS CHGD							
A1	Z038	JP	10/17/90				
PILOT RUN RLSE							

PART • 054714-03 REV XX
LABEL





ON ITEM 1 : STRIP JACKET 2.0 IN. TO ALLOW FOR FOIL AND DRAIN WIRE ; FOLD BRAID OVER FERRULE , TRIM OFF ALL FOILS , CUT ALL WIRES BACK ¾IN., EXCEPT DRAINS A & B.

DRAINS A & B : DOUBLE CRIMP TO PIN 6 ; LOOP BACK OVER BRAID BEFORE ENCLOSING IN SHELL ITEM 5.

UNDER BRAID , TRIM EXCESS , FACE FERRULE SPLIT TOWARD SHELL HALF.

NOTES :

1. ITEM NUMBERS IN CIRCLES COINCIDE WITH ITEM NUMBERS ON BOM 054714-03
2. DIMENSIONS ARE IN INCHES
3. DIM TOL : .XX = ± .06
4. USE NO INSULATIVE MATERIAL ON DRAIN WIRES .
5. ROLLED (COILED) CABLE SHOULD HAVE OUTSIDE DIA. OF LESS THAN ELEVEN INCHES.

TABLE 1			
FUNCTION	COLOR	PIN NO.	
		P1	P2
GROUND	A&B DRAIN	6	6
TX / RX PAIR 1	RED	2	8
	BLACK	7	3
TX / RX PAIR 2	WHITE	3	7
	BLACK	8	2
NO CONN		1,4,5,9	1,4,5,9

* DRAIN A IS WRAPPED WITH THE BLK/RED TWISTED PAIR
DRAIN B IS WRAPPED WITH THE BLK/WHT TWISTED PAIR

GRASS VALLEY GROUP
GRASS VALLEY CALIFORNIA
A TEKTRONIX COMPANY

DRAWN BY JP	DATE 20 AUG 90
ENGINEER ADK	
CHECKED BY	DATE
APPROVED	DATE
PILOT RUN RLSE	DATE
ENGINEER RLSE	DATE

CABLE ,
DPM SLAVE / MOD 100 SERIAL
3 METER

SIZE		REV
C	06-054714-03	A1
SCALE 1:1	SHEET 1 OF 1	
FILE BOX2.DGN	LEVEL	

DPM 100	
USED ON	NEXT ASSY
APPLICATION	
DISTRIBUTION	

REV A1 SH 1
SIZE C DWG NO. 06-054714-03

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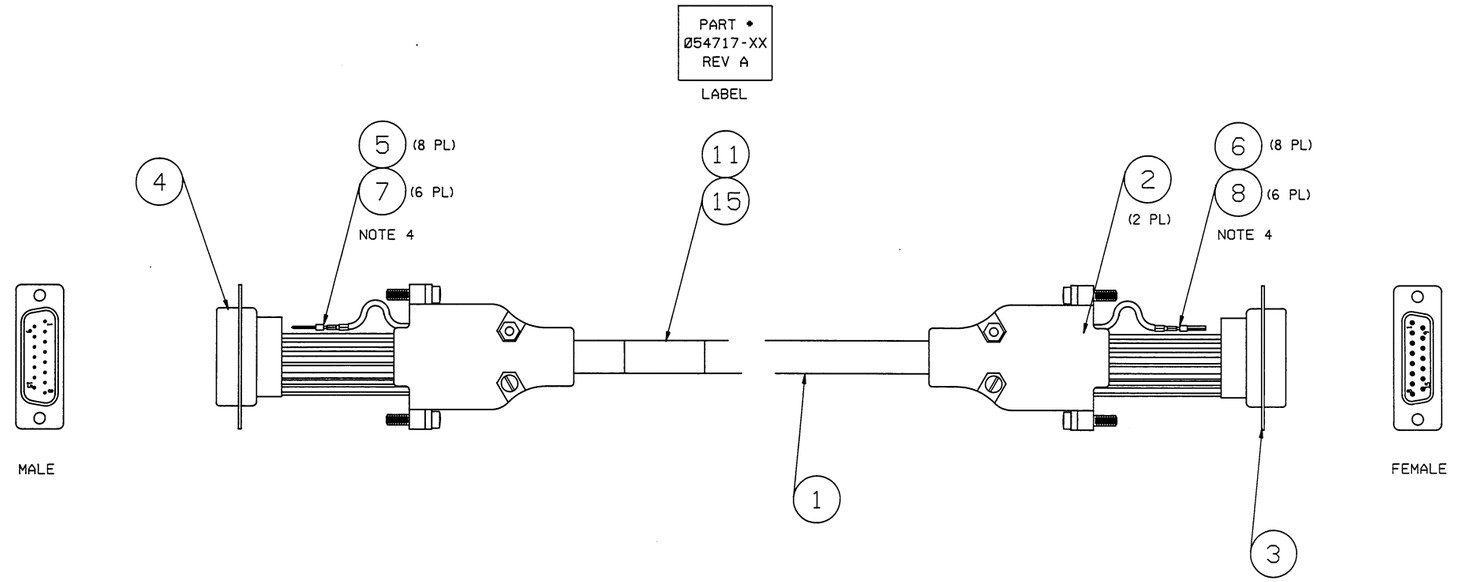
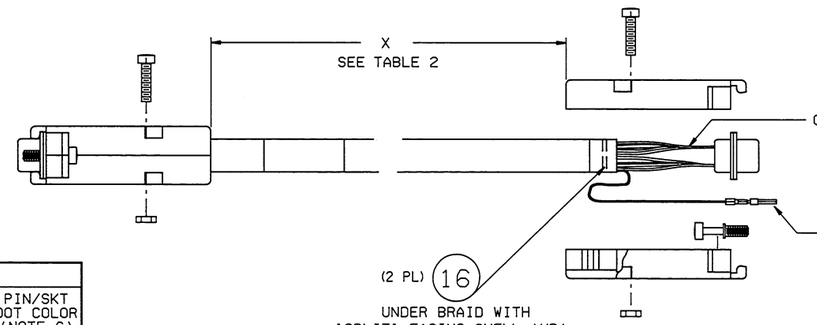
REVISIONS

REV	ECO	DFTR	DATE	CHK	APVD	M/F	RDC
A1	Z056	JP	11/2/90		JDP		
PILOT RUN RLSE w/o CHG							
A2	Z312	JP	4/24/91		JDP 4/24/91	7/9/	
ITEM 5 & 6 WAS 7 PL ; ITEM 7 & 8 WAS 7 PL							

PART • Ø54717-XX REV A

LABEL





ON ITEM 1 : STRIP JACKET 2.Ø IN. TO ALLOW FOR LONGER DRAIN WIRE . FOLD BRAID OVER FERRULE & TRIM OFF ALL FOIL & MYLAR . CUT ALL WIRES BACK ¾IN. EXCEPT DRAIN C .

DRAIN C : TO PIN LOC 5 ; LOOP BACK OVER BRAID & FERRULE BEFORE ENCLOSING IN SHELL ITEM 2.

TABLE 1				
PIN NO.	CONTROL PANEL FUNCTION	COLOR	AWG	PIN/SKT DOT COLOR (NOTE 6)
1	TX 1-	ORG	24	RED
2	FLD •	RED		
3	RX •	BLU		
4	TX , RX RETURNS (GND)	*DRAIN A & B		
5	SHIELD (GND)	*DRAIN C		
6	-12 V	WHT/BLK	18	GRN
7	NO CONN	---	---	---
8	+24 V	WHT/BRN	18	GRN
9	TX •	PUR	24	RED
10	FLD -	BLK		
11	RX -	YEL		
12	GND	WHT/RED	18	GRN
13	GND	WHT/GRN		
14	+24 V	WHT/YEL		
15	+24 V	WHT/ORG		

TABLE 2	
DASH NO.	LENGTH - DIM X
-10	10 METERS
-30	30 METERS
-99	100 METERS
-00	CONNECTOR KIT

* DRAIN A IS WRAPPED WITH THE PUR/ORG TWISTED PAIR
DRAIN B IS WRAPPED WITH THE BLU/YEL TWISTED PAIR
DRAIN C IS WRAPPED NEXT TO THE OUTER FOIL SHIELD
RED AND BLACK ARE AN USHIELDED TWISTED PAIR
} NOTE 5

NOTES :

1. ITEM NUMBERS IN CIRCLES COINCIDE WITH ITEM NUMBERS ON BOM 054717-XX
2. DIMENSIONS ARE IN INCHES
3. DIM TOL : .XX = ± .06
4. THE -00 CUSTOM VERSION DOES NOT USE BOM ITEMS 5,6,7 & 8 .
5. USE NO INSULATIVE MATERIAL ON DRAIN WIRES . DOUBLE CRIMP DRAINS A & B IN LOCATION 4.
6. RED : 20-24 AWG CRIMP , ITEMS 5 & 6. GRN : 18-22 AWG CRIMP , ITEMS 7 & 8.
7. ROLLED (COILED) CABLE SHOULD HAVE OUTSIDE DIA. OF LESS THAN ELEVEN INCHES.

SIZE C | DWG NO. 06-054717- | SEE TABLE 2 | REV SH A2 | 1

GRASS VALLEY GROUP® A TEKTRONIX COMPANY
GRASS VALLEY CALIFORNIA

DRAWN BY JP DATE 28 AUG 90	CABLE , DPM-100 FRAME TO CONTROL PANEL
ENGINEER ADK 28 AUG 90	
CHECKED BY DATE	
APPROVED DATE	
PILOT RUN RLSE ADK DATE	SIZE C | 06-054717- | SEE TABLE 2 | REV A2
ENGINEER RLSE DATE	SCALE 1:1 | SHEET 1 OF 1
FILE	LEVELS

DPM 100 USED ON NEXT ASSY
APPLICATION
DISTRIBUTION